

FIGURE 1A

Fraction 1: >30,000 Daltons

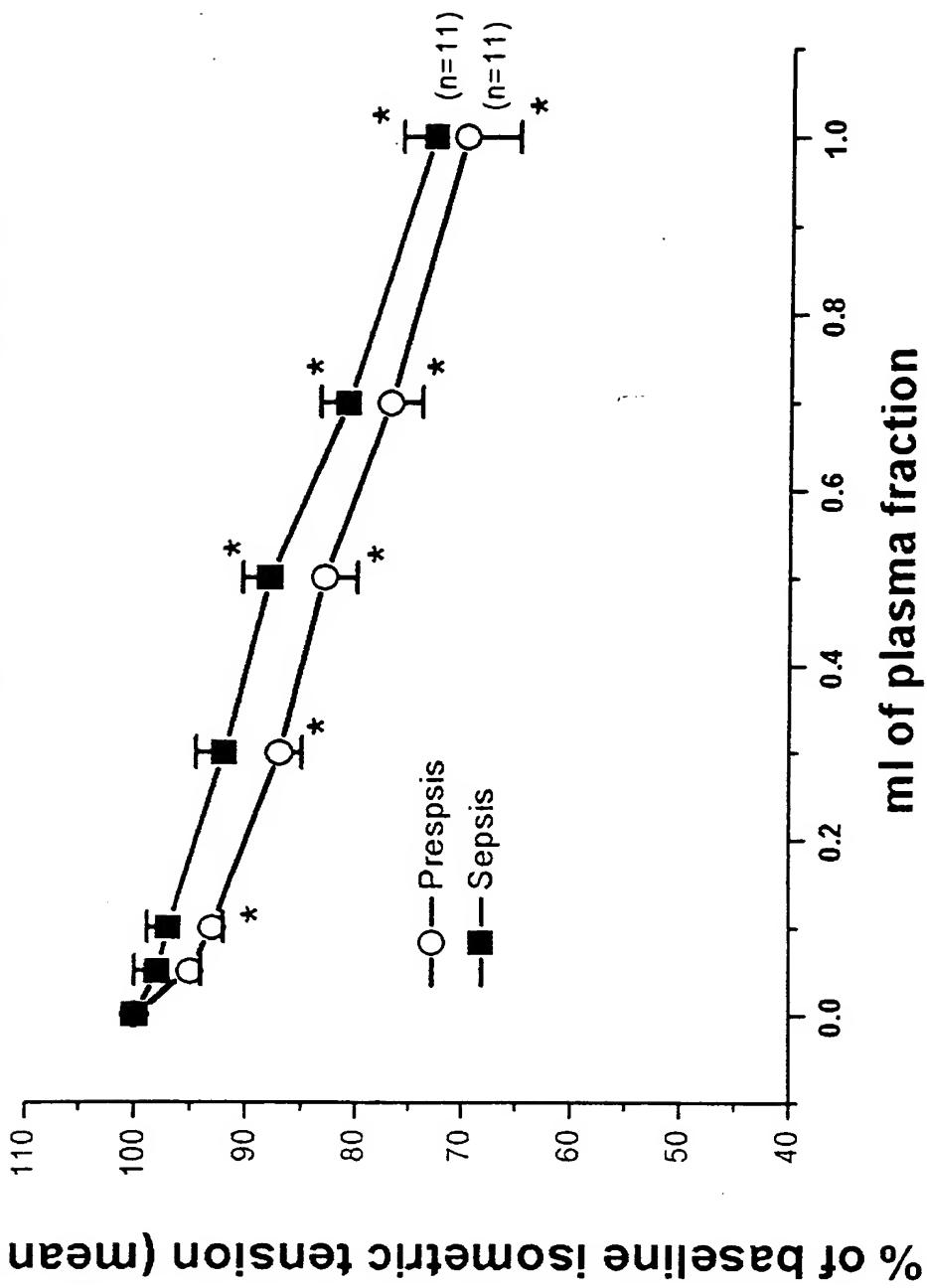


FIGURE 1B

Fraction 2: 10,000-30,000 Da

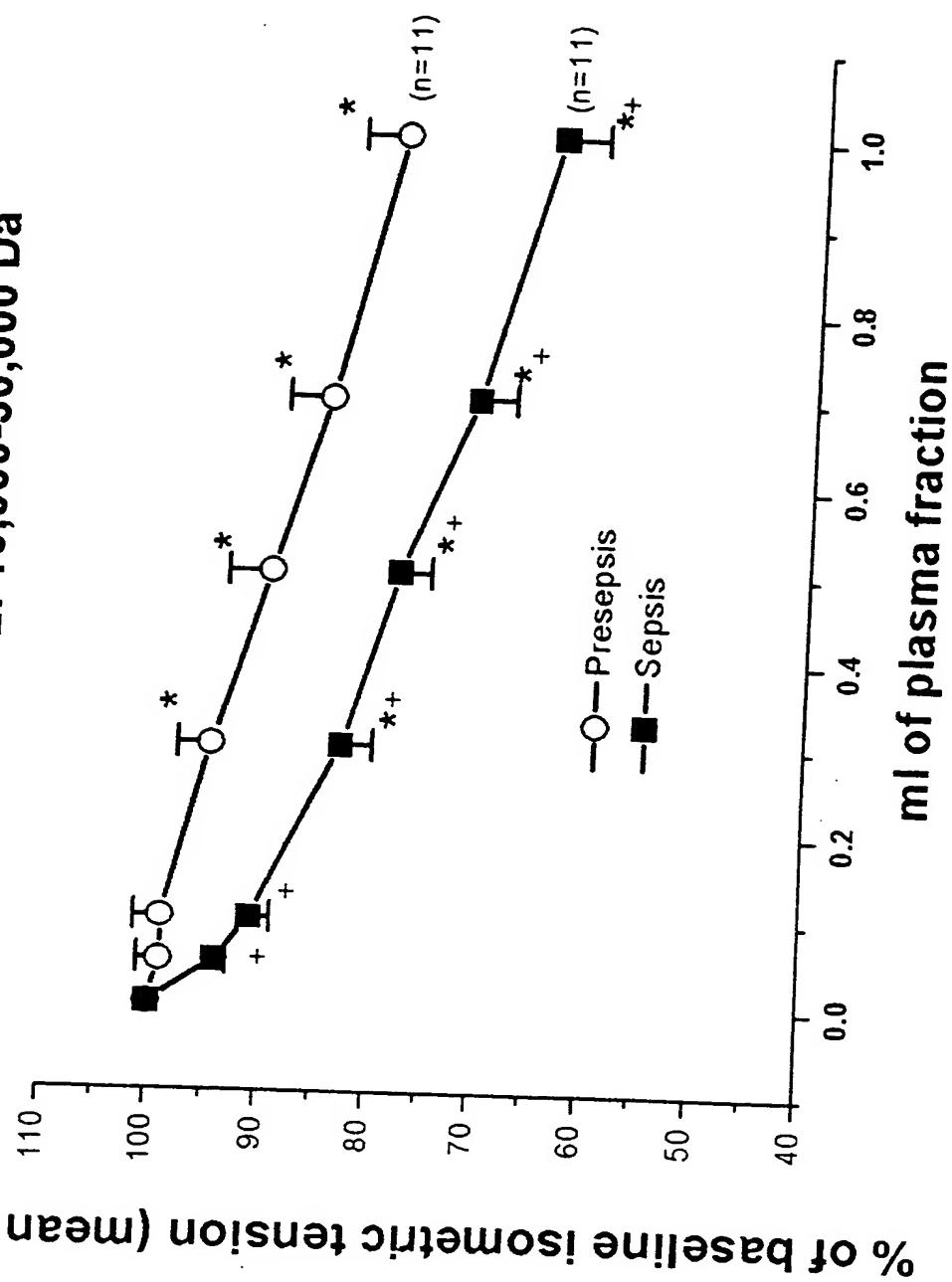


FIGURE 1C
Fraction 3: <10,000 Da

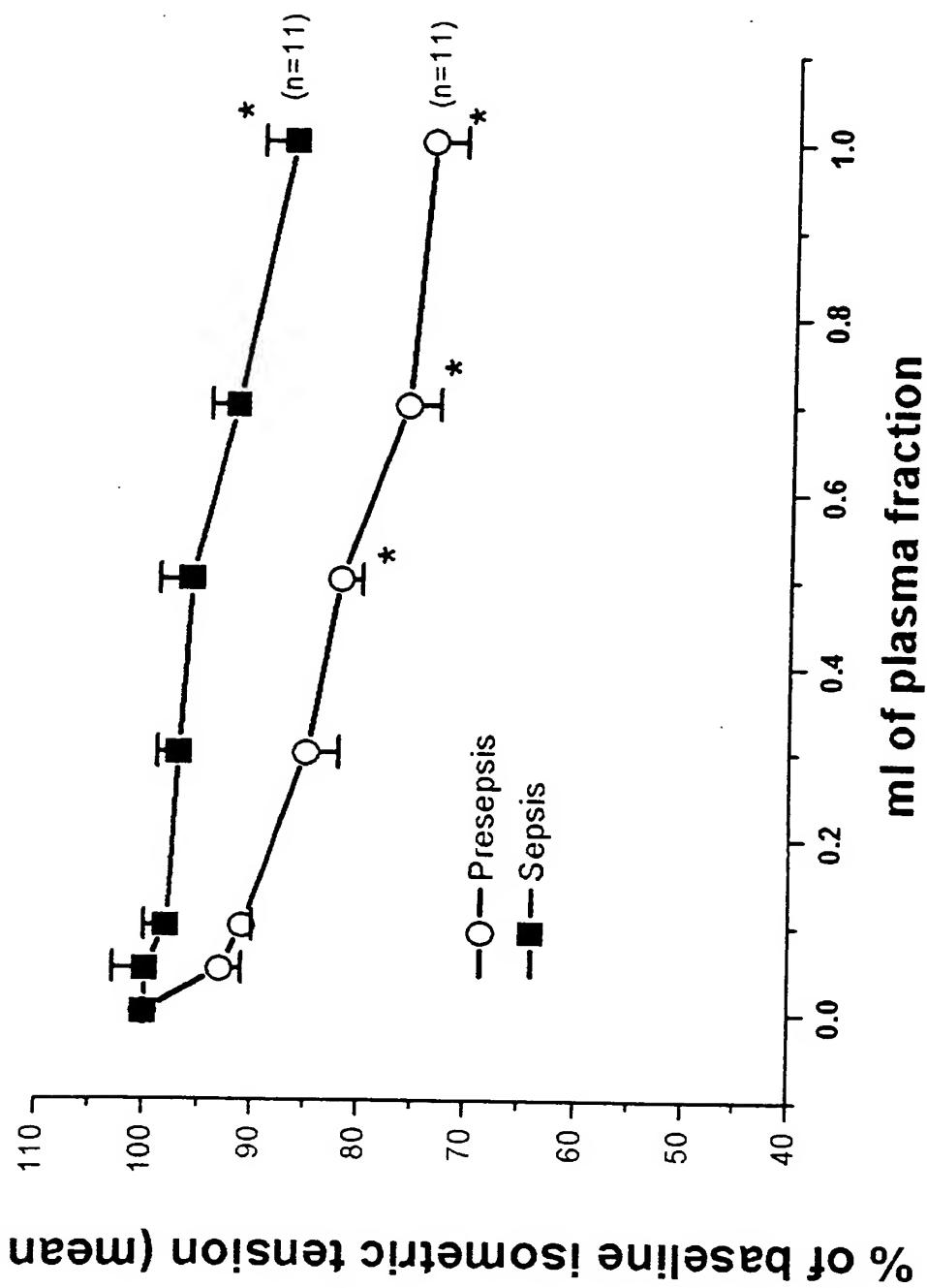
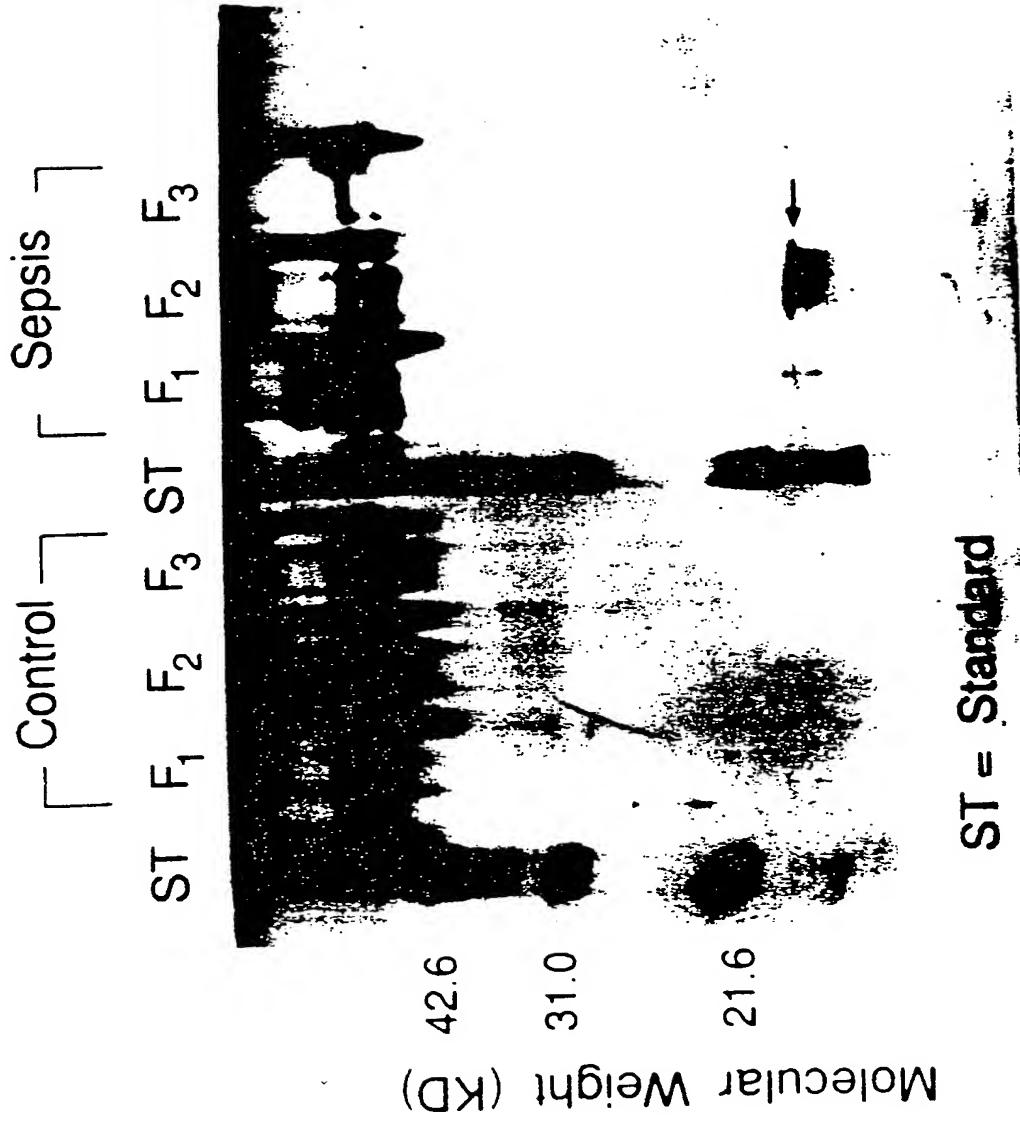


FIGURE 2



BEST AVAILABLE COPY

FIGURE 3A
Depressant activity in splenic tissue

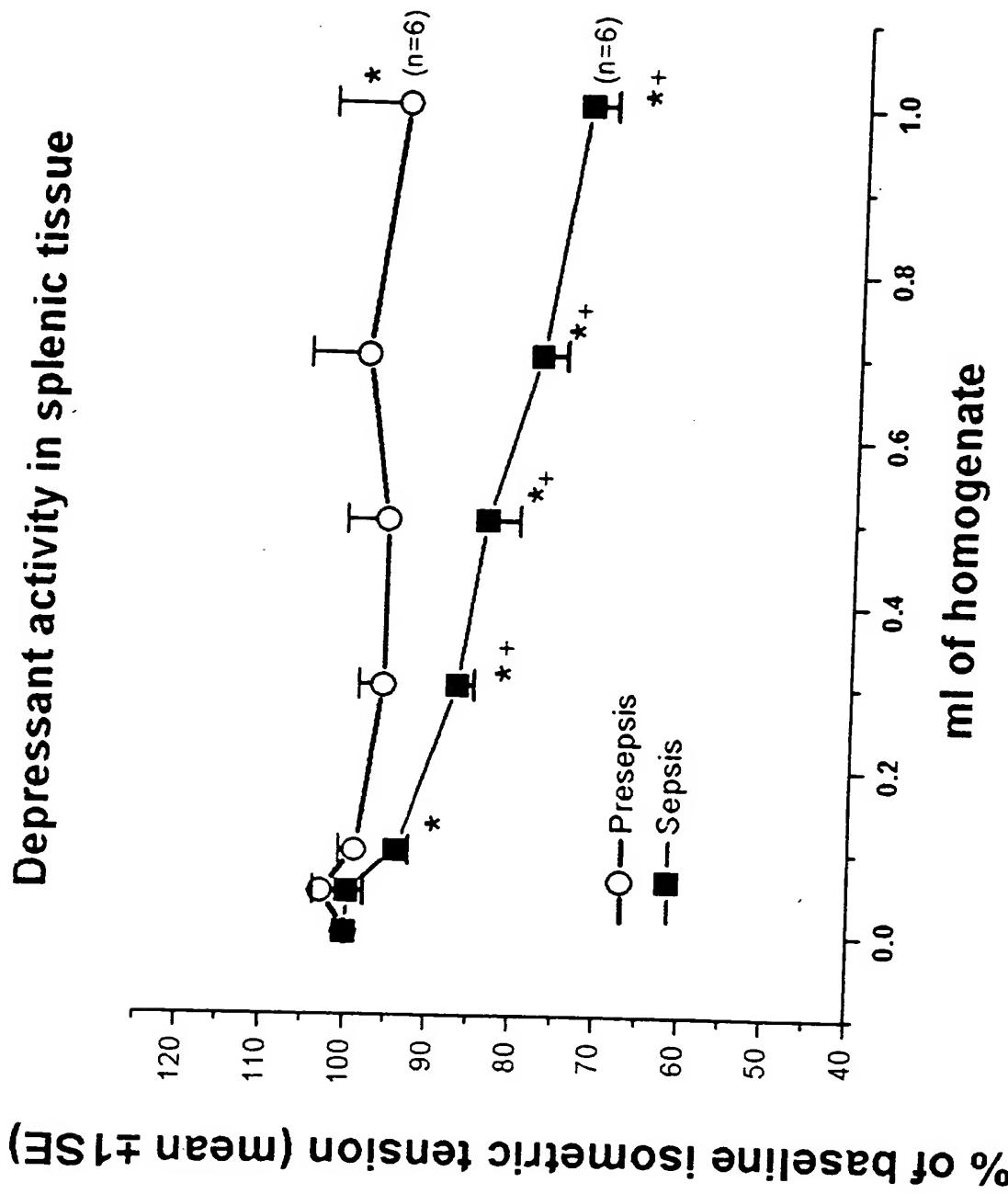
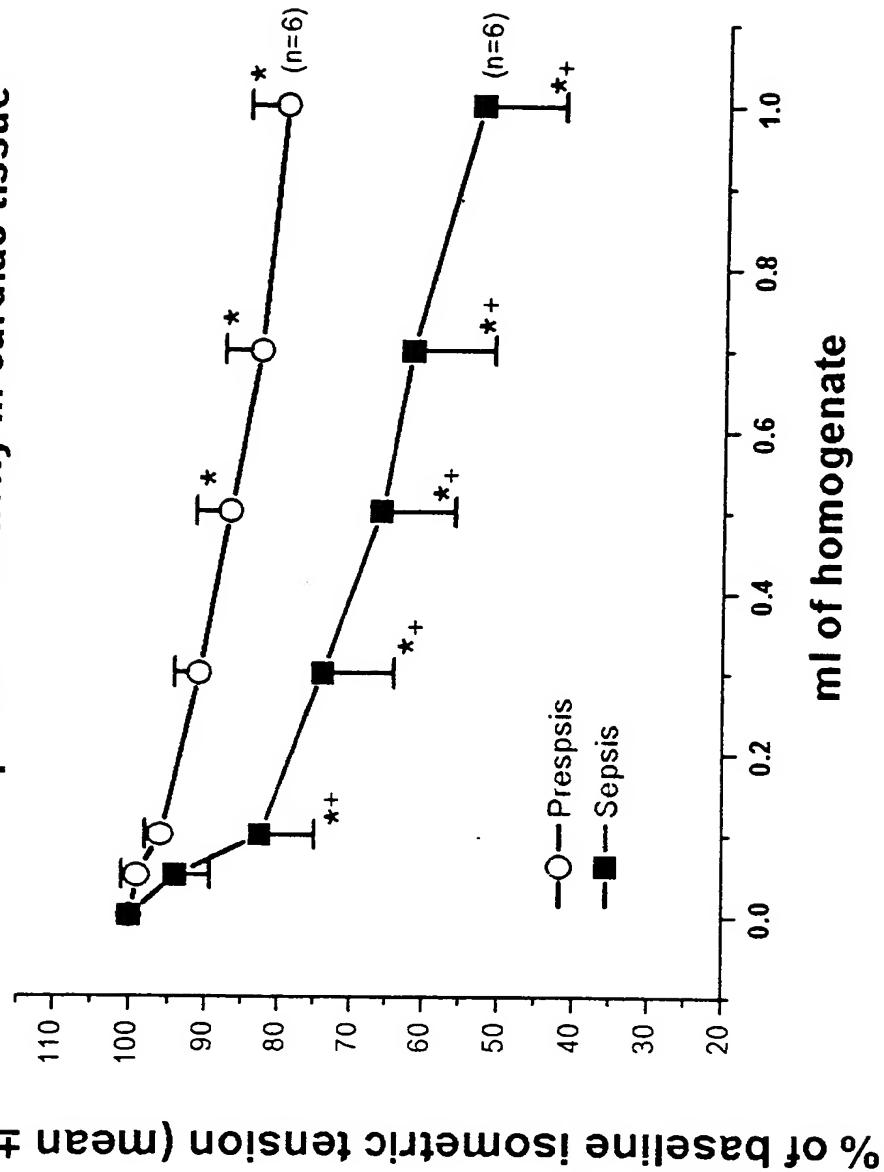


FIGURE 3B
Depressant activity in cardiac tissue



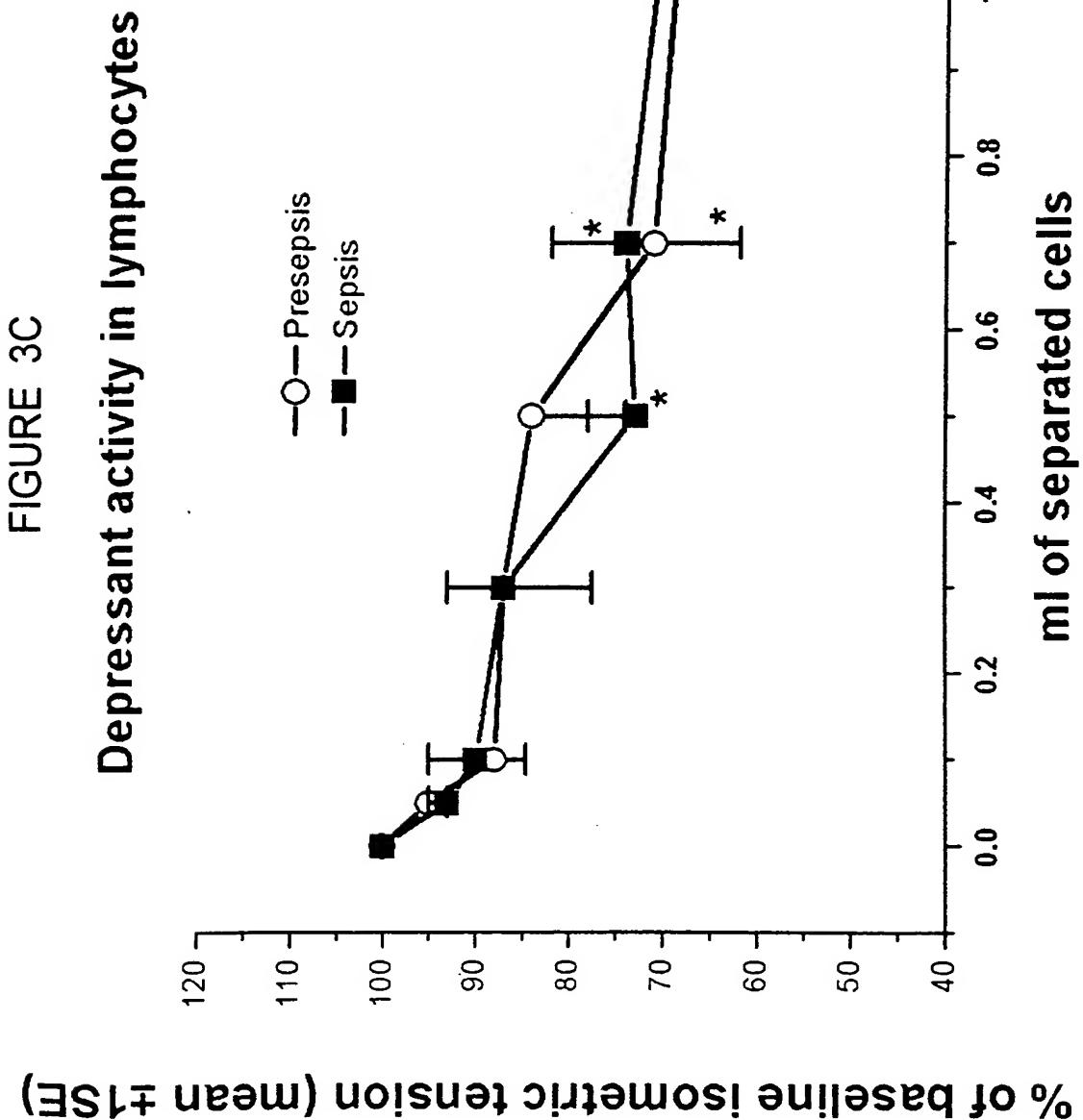


FIGURE 4A
LZM-S from septic and nonseptic spleens

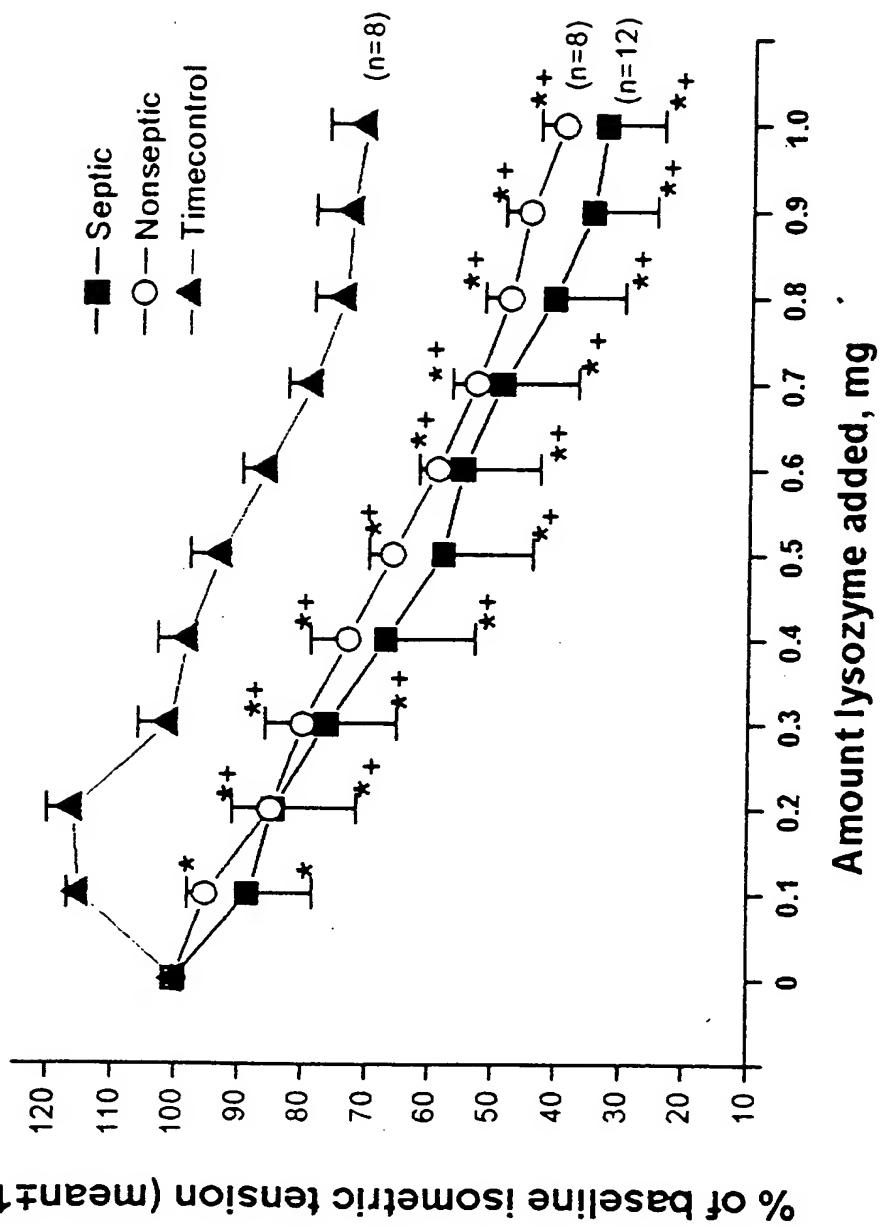


FIGURE 4B

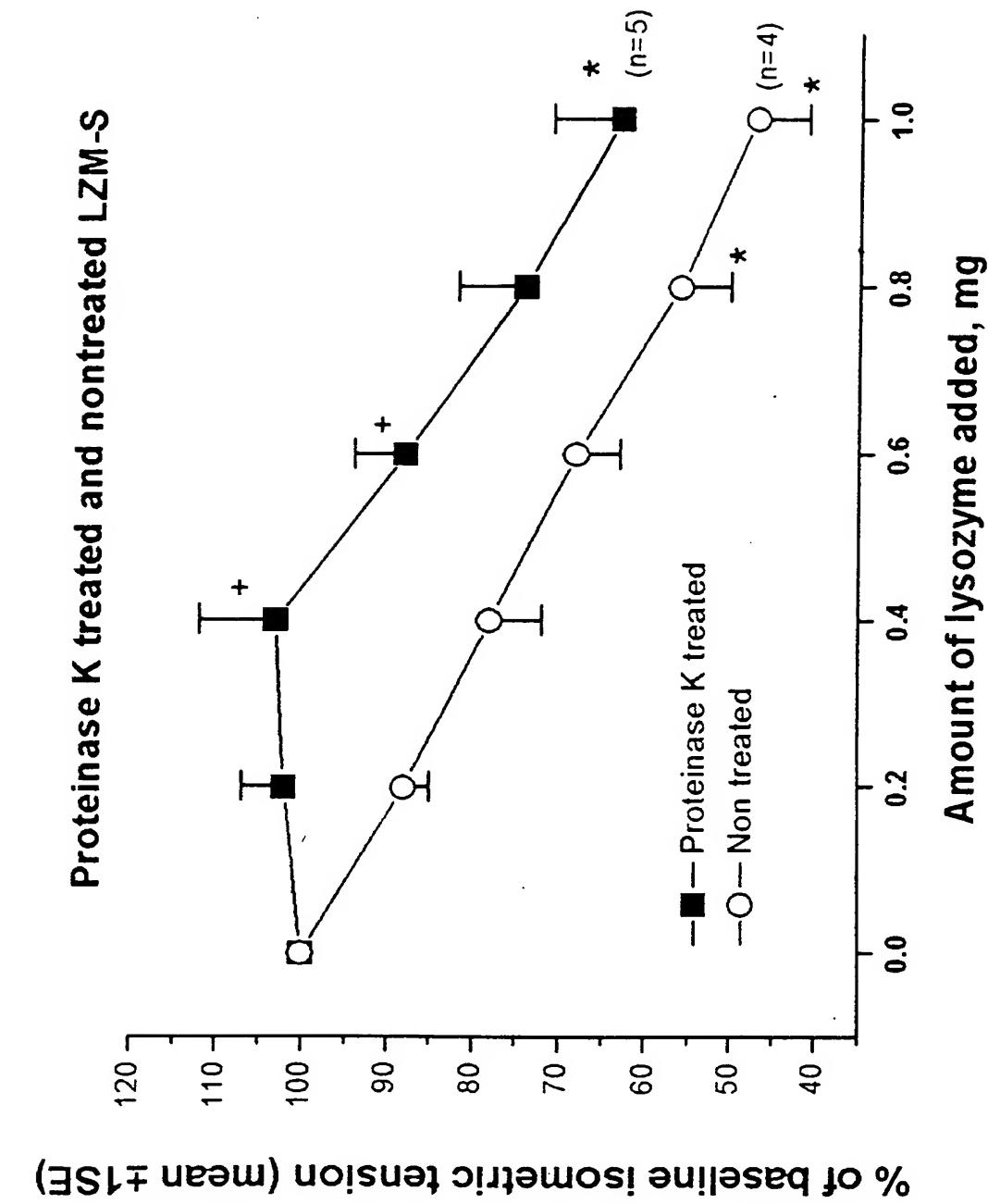


FIGURE 5A

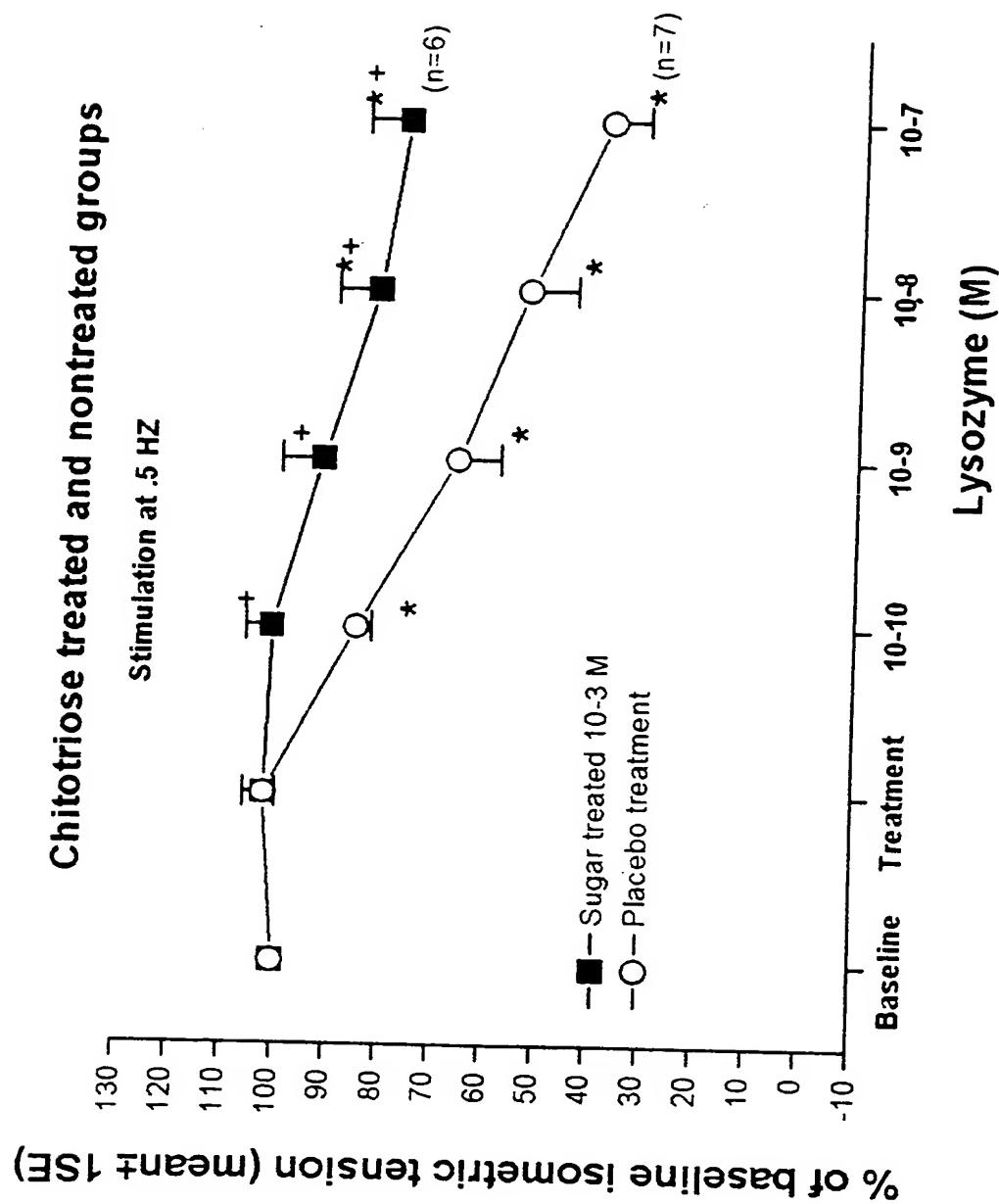


FIGURE 5B
Chitotriose treated and nontreated groups

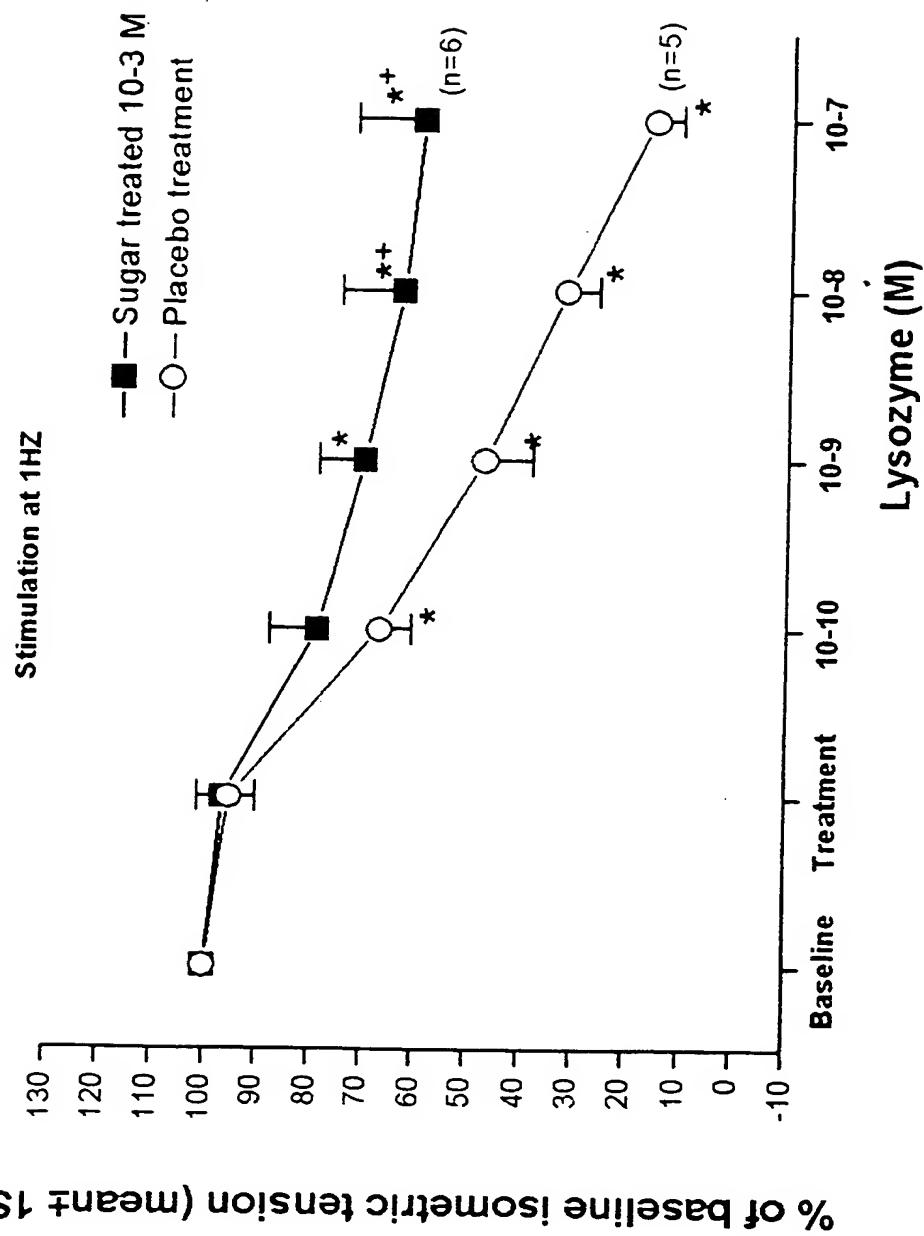
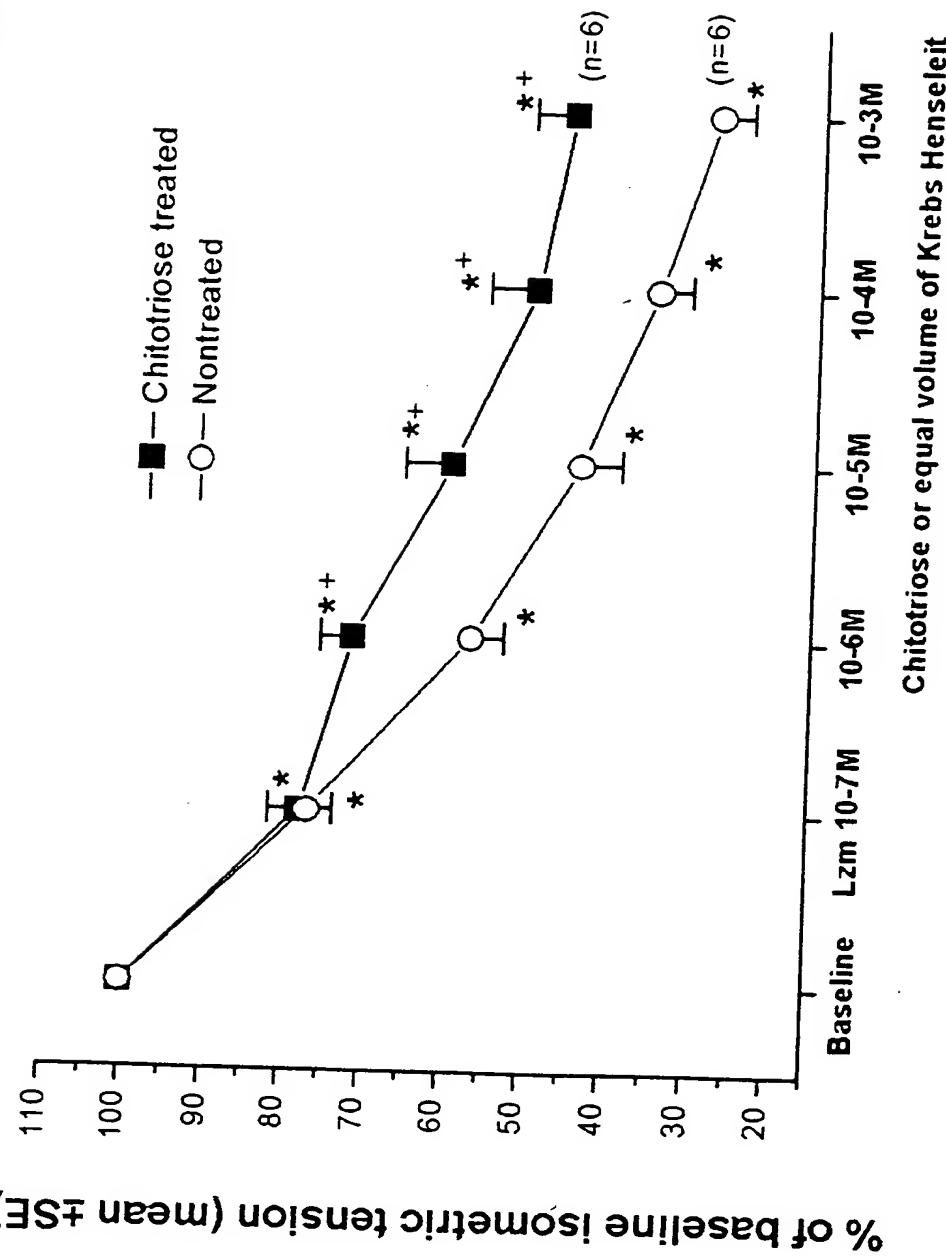


FIGURE 5C

Chitotriose effect on isometric tension post Lzm-S administration



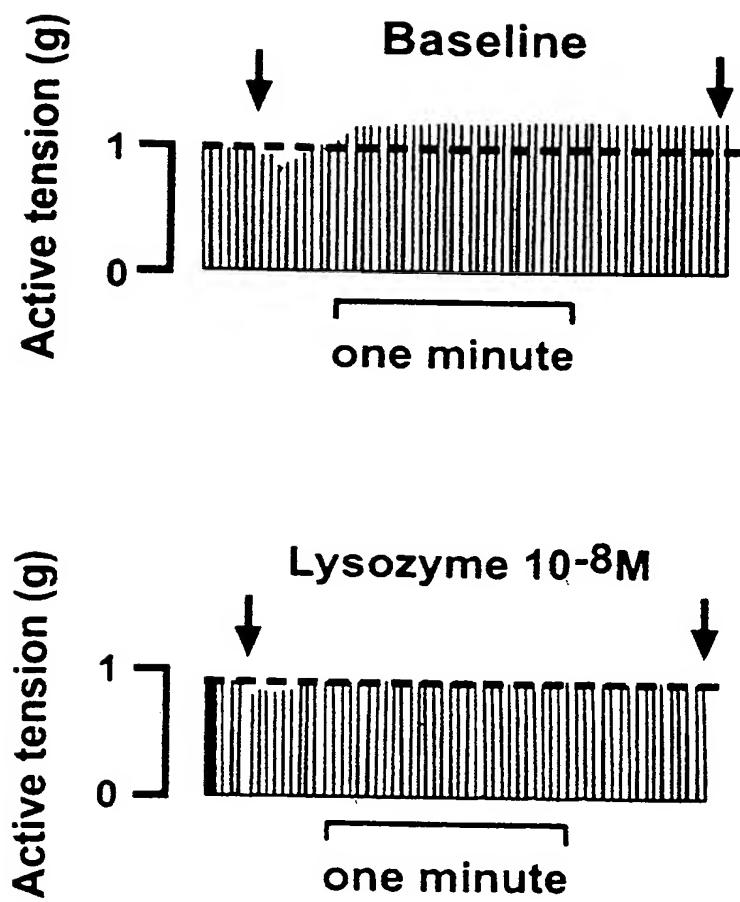


FIGURE 6

FIGURE 7A

Sympathetic response

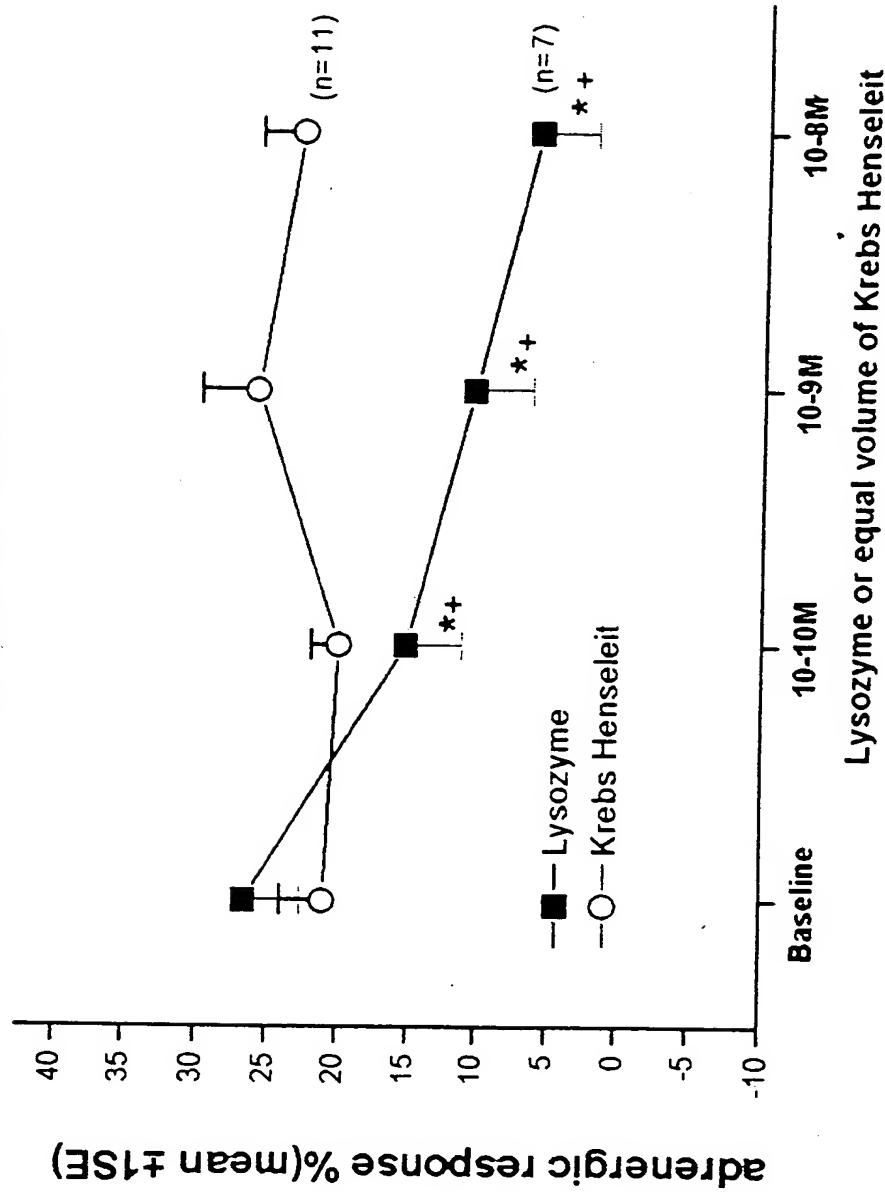


FIGURE 7B

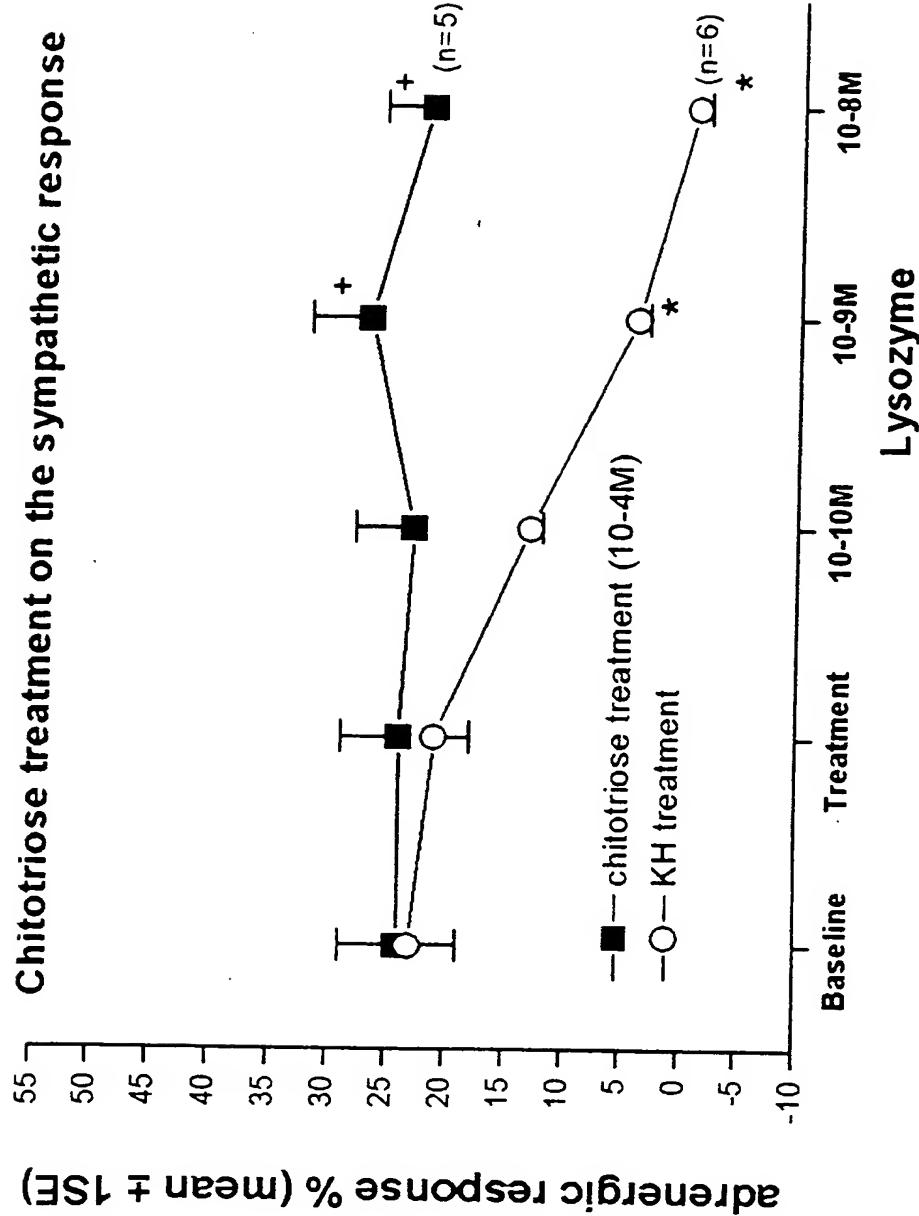
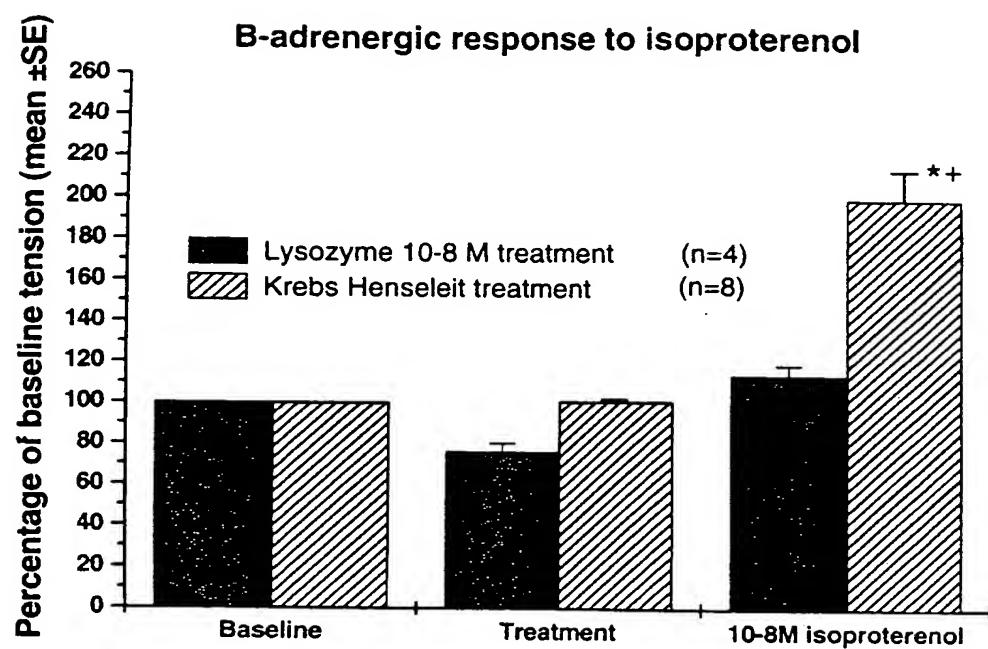
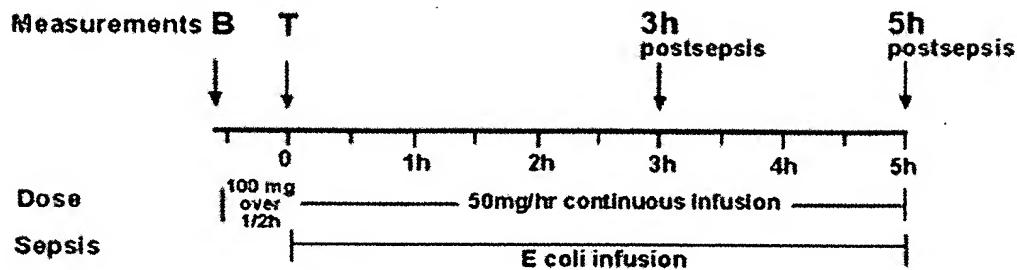


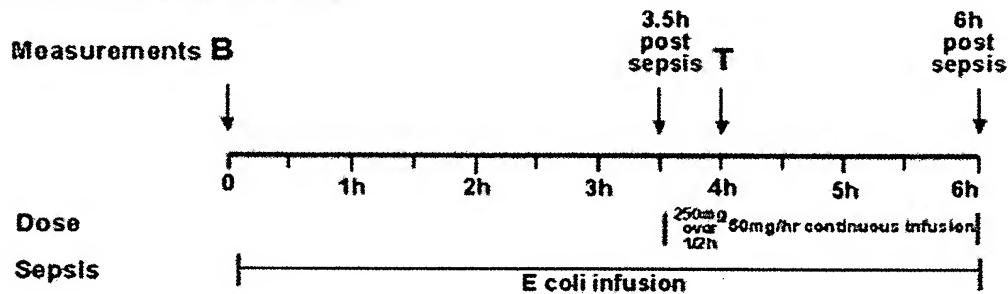
FIGURE 7C



Pretreatment Study



Late Treatment Study



Early Treatment Study

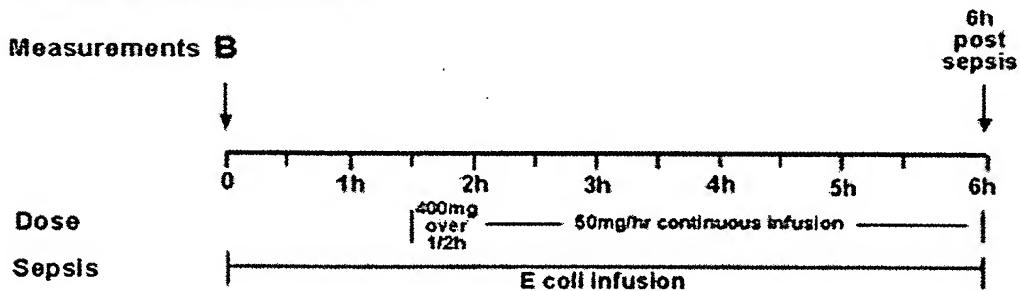


Figure 8

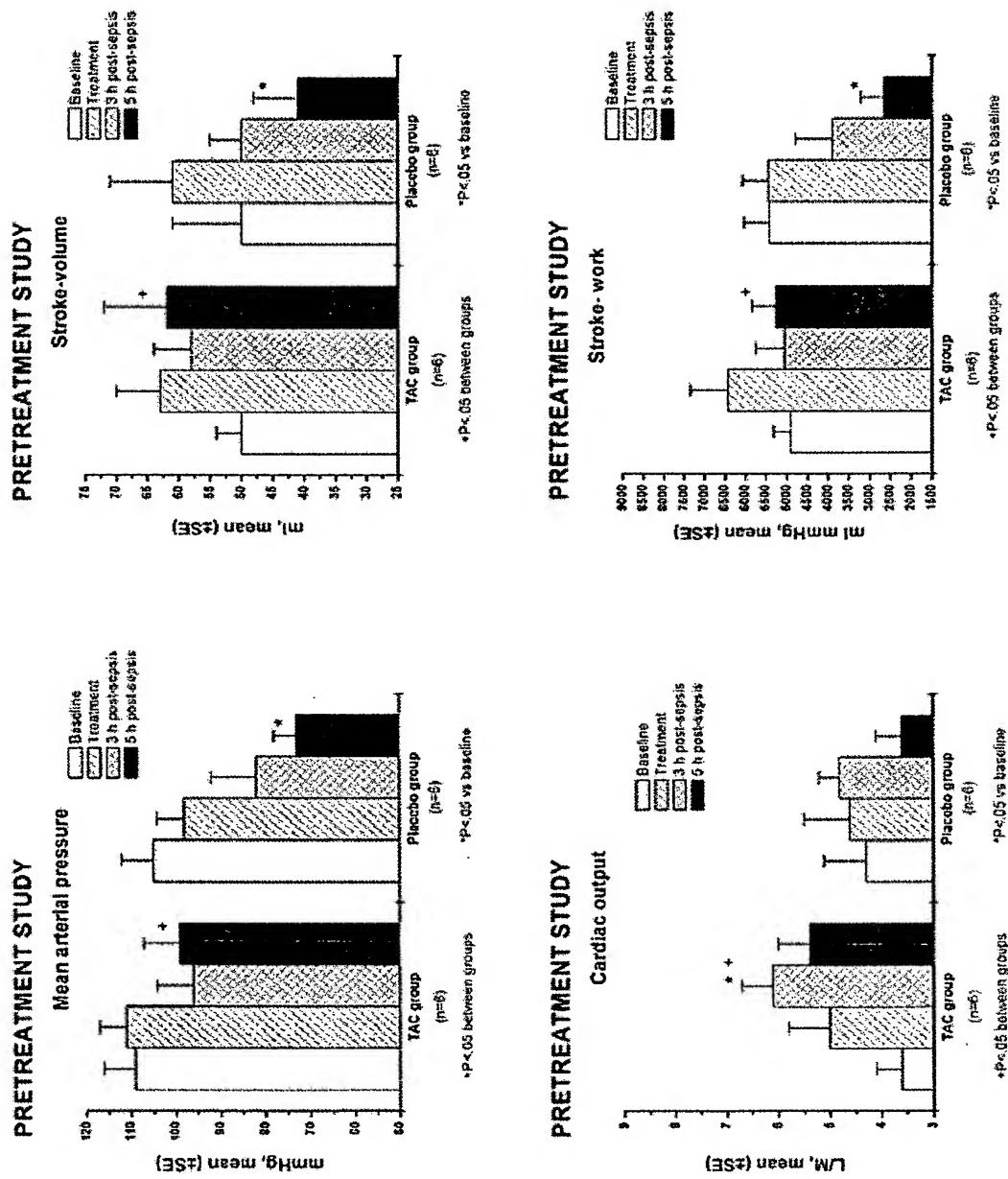


Figure 9

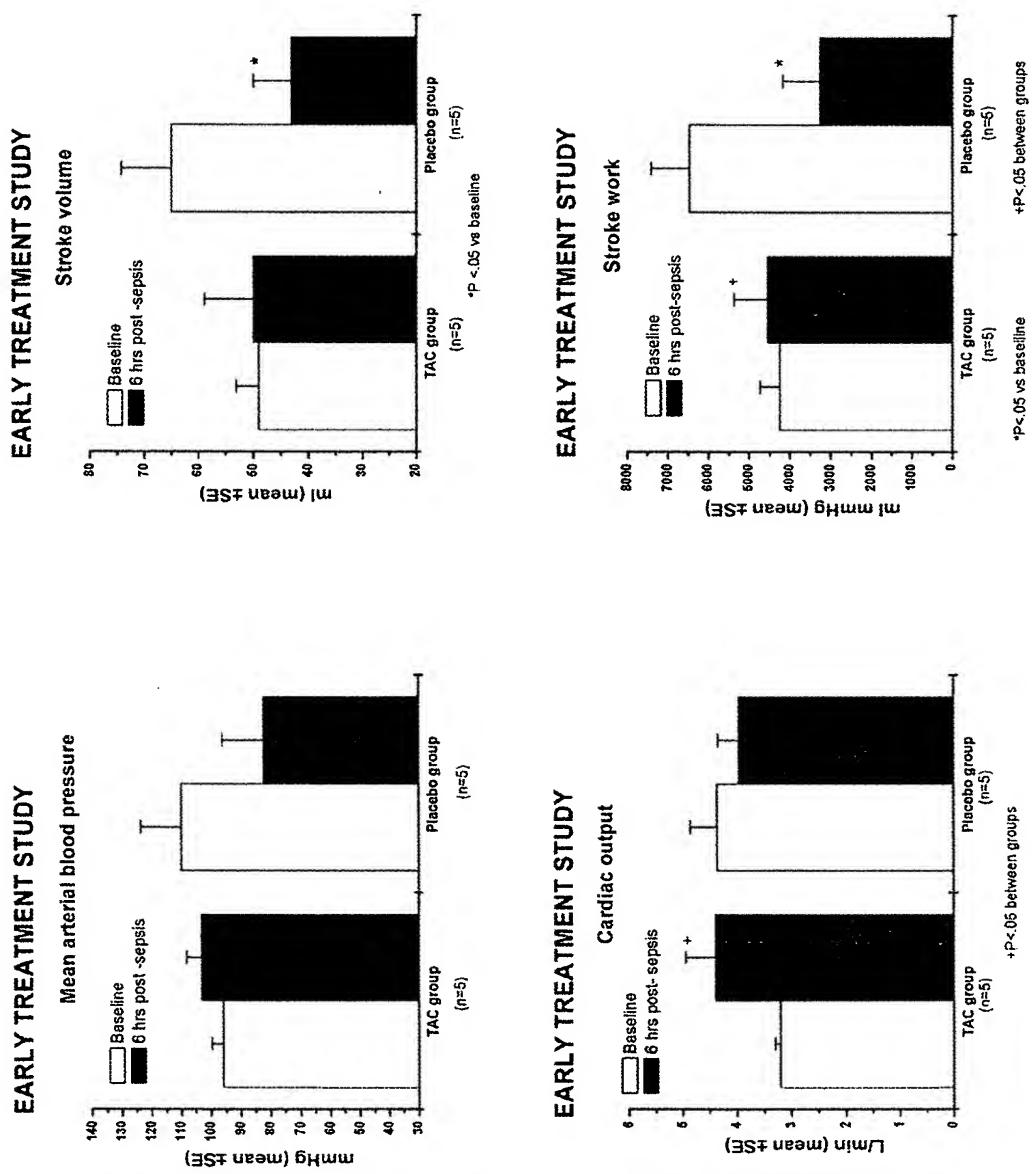
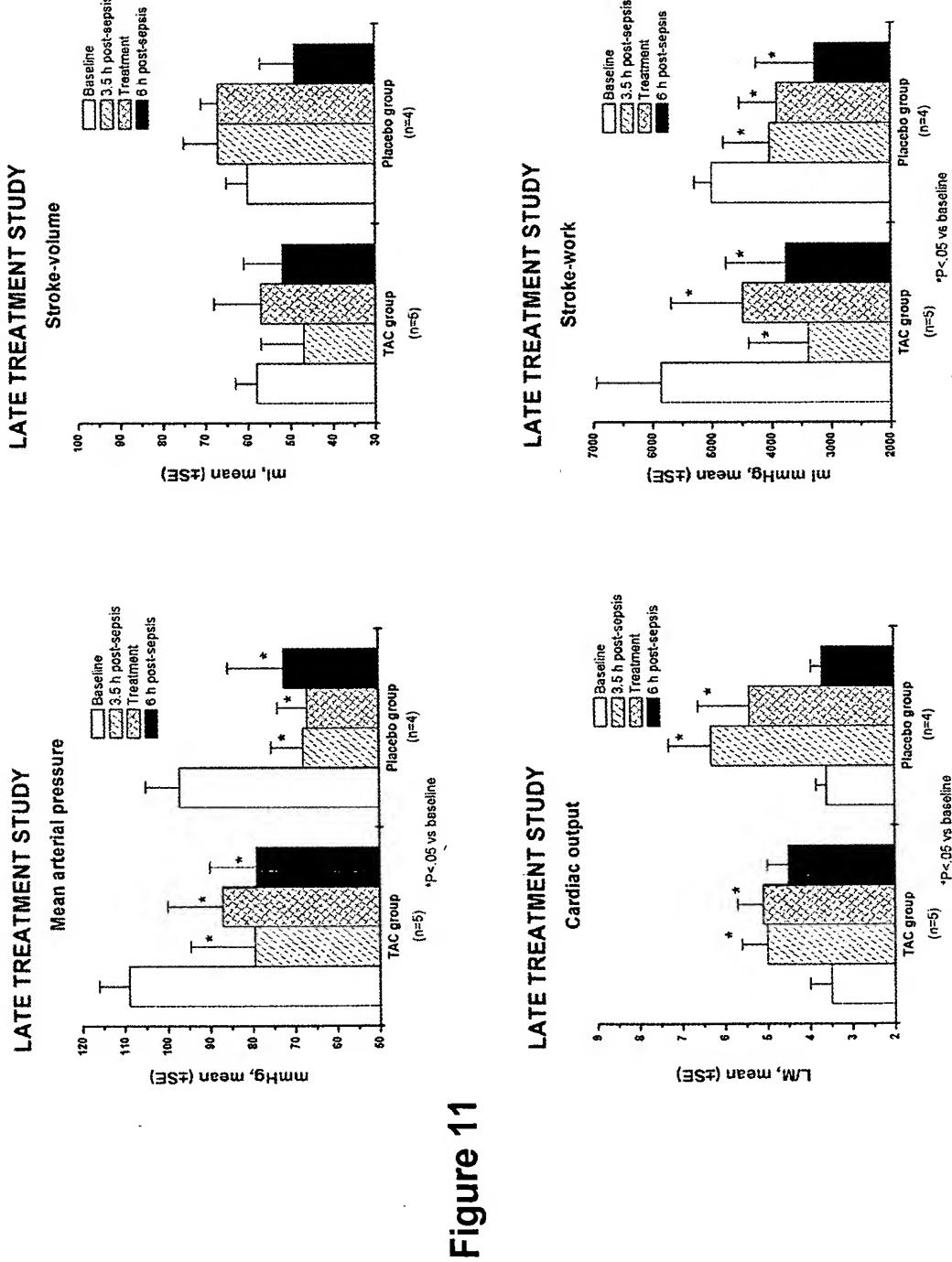


Figure 10



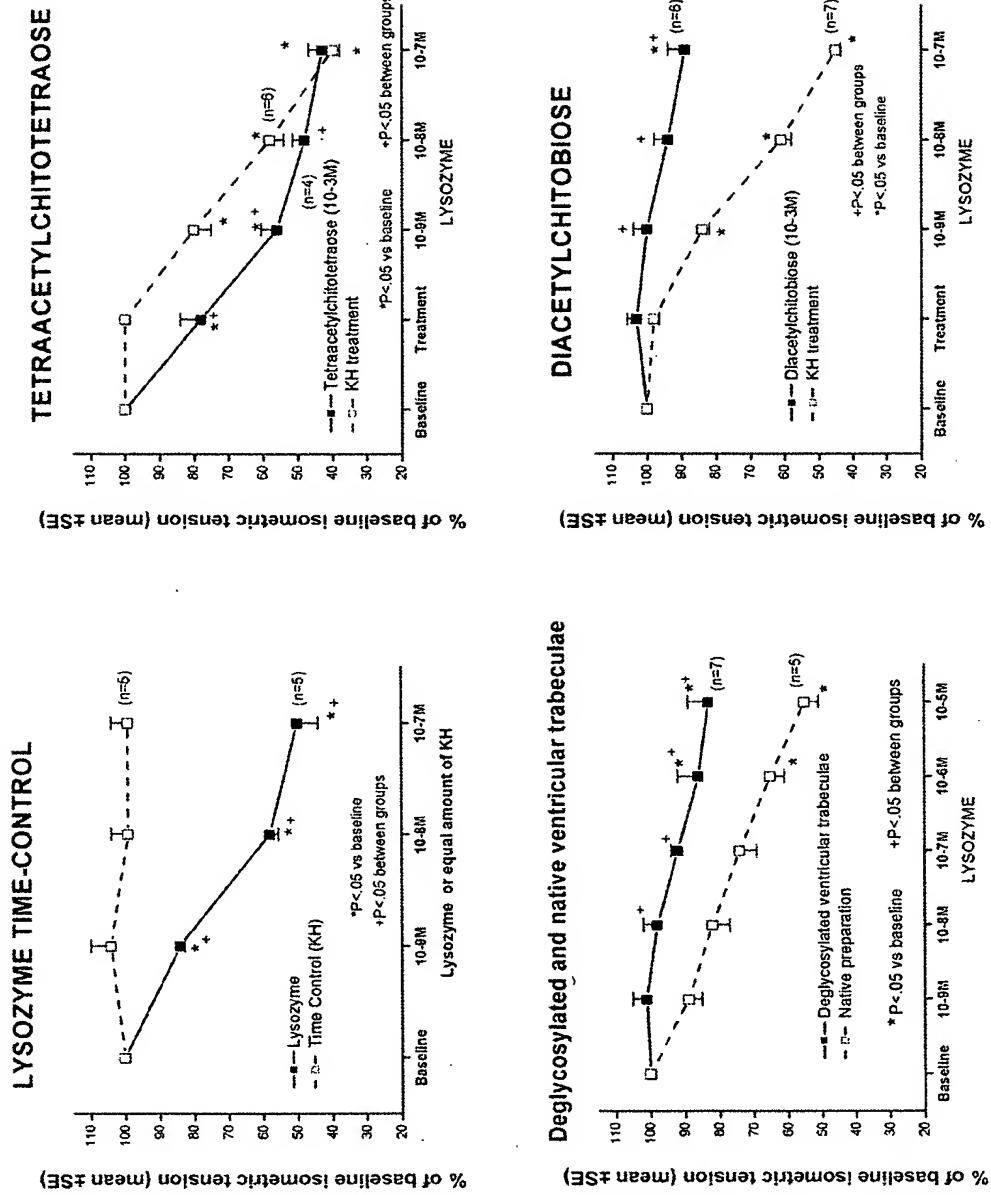
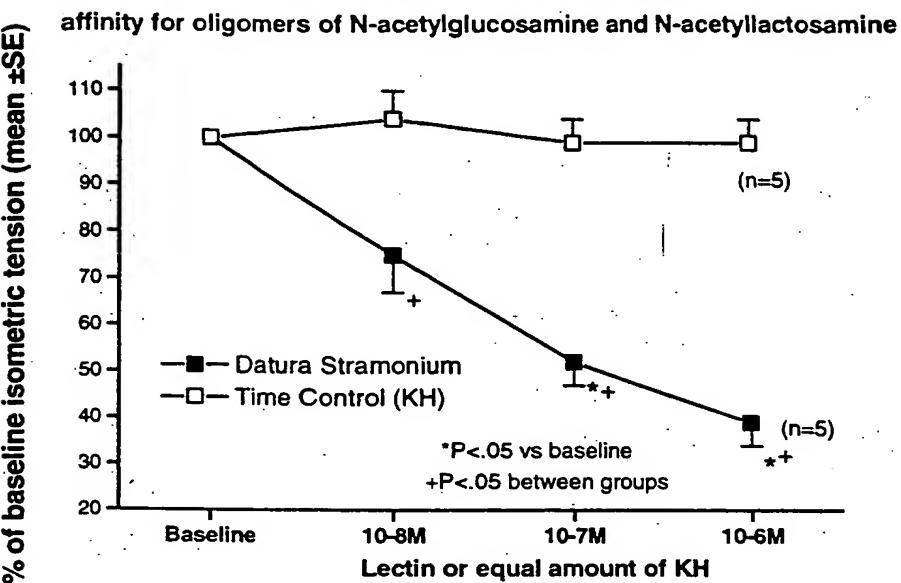


Figure 12

DATURA STRAMONIUM



DATURA STRAMONIUM and CHITOTRIOSE

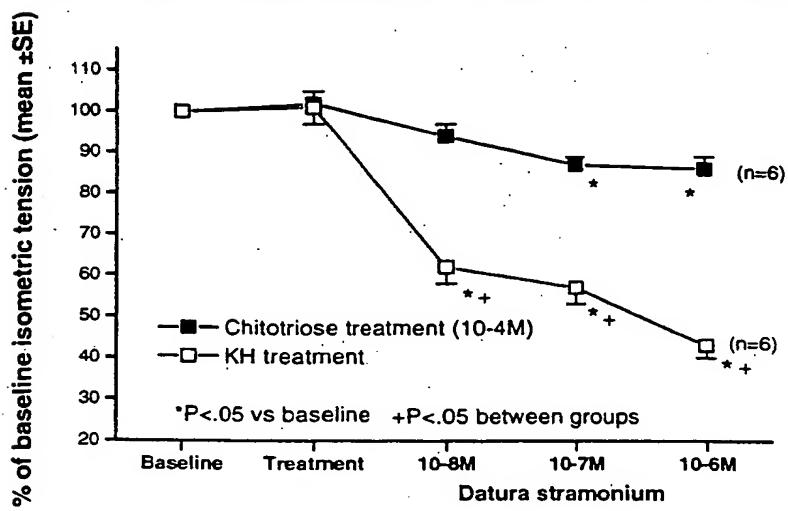


Figure 13

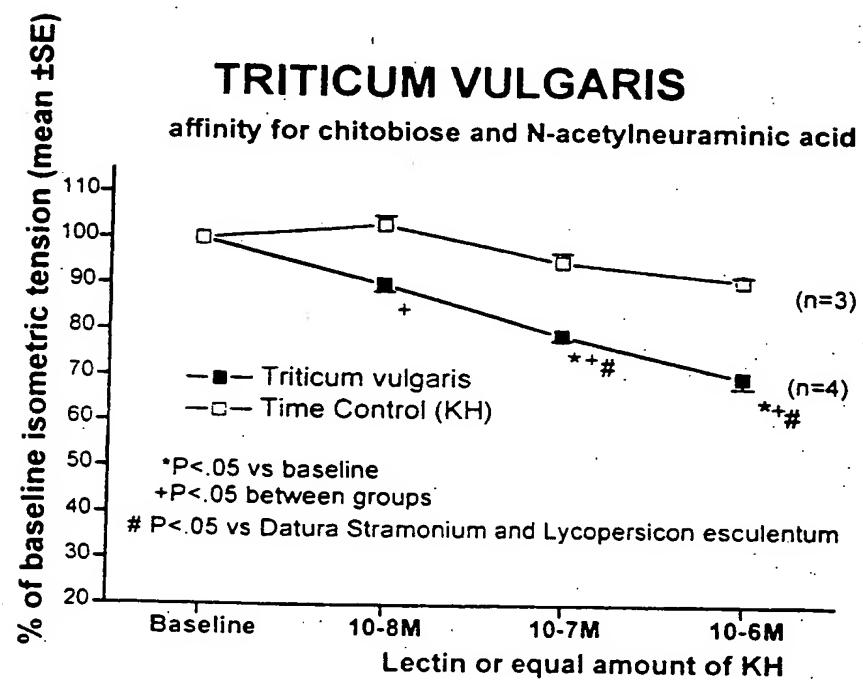
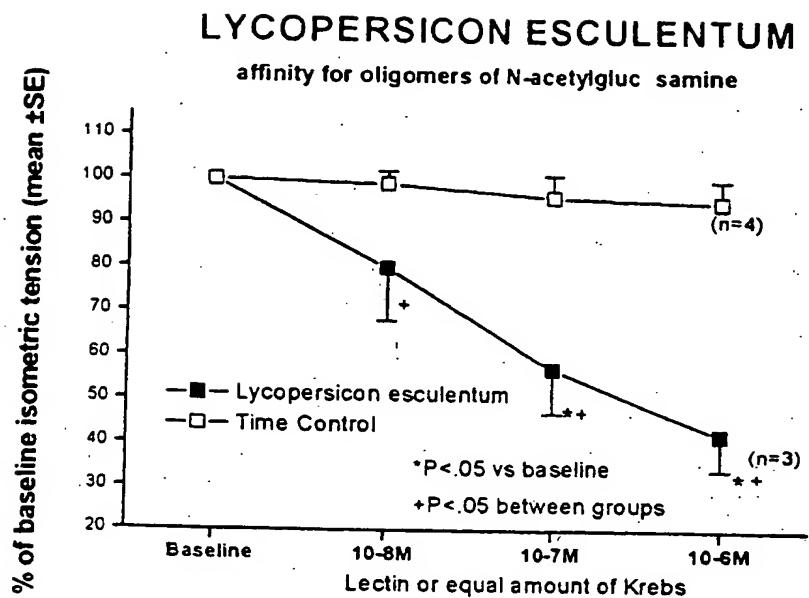


Figure 14

ERYTHRINA CORALLODENDRON and HELIX POMATIA
 affinity for N-acetyllactosamine and
 terminal N-acetyl galactosaminyl residues, respectively

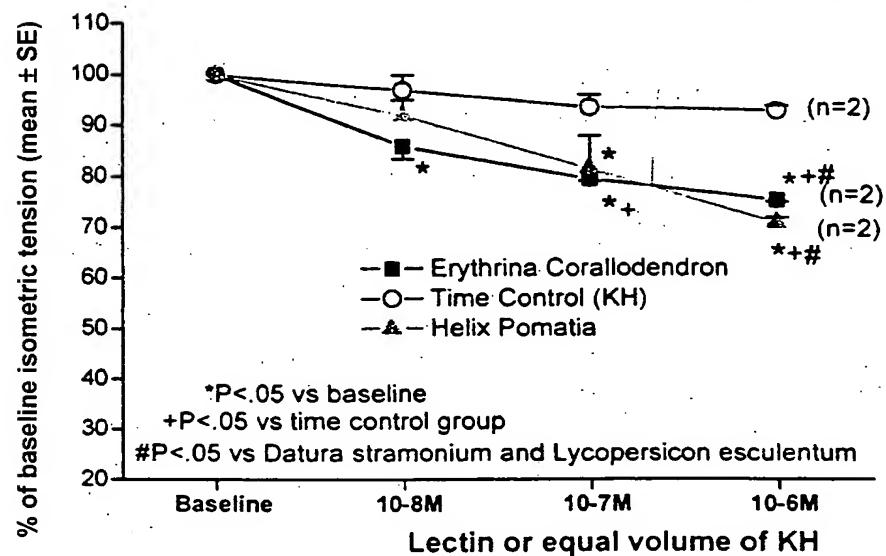


Figure 15

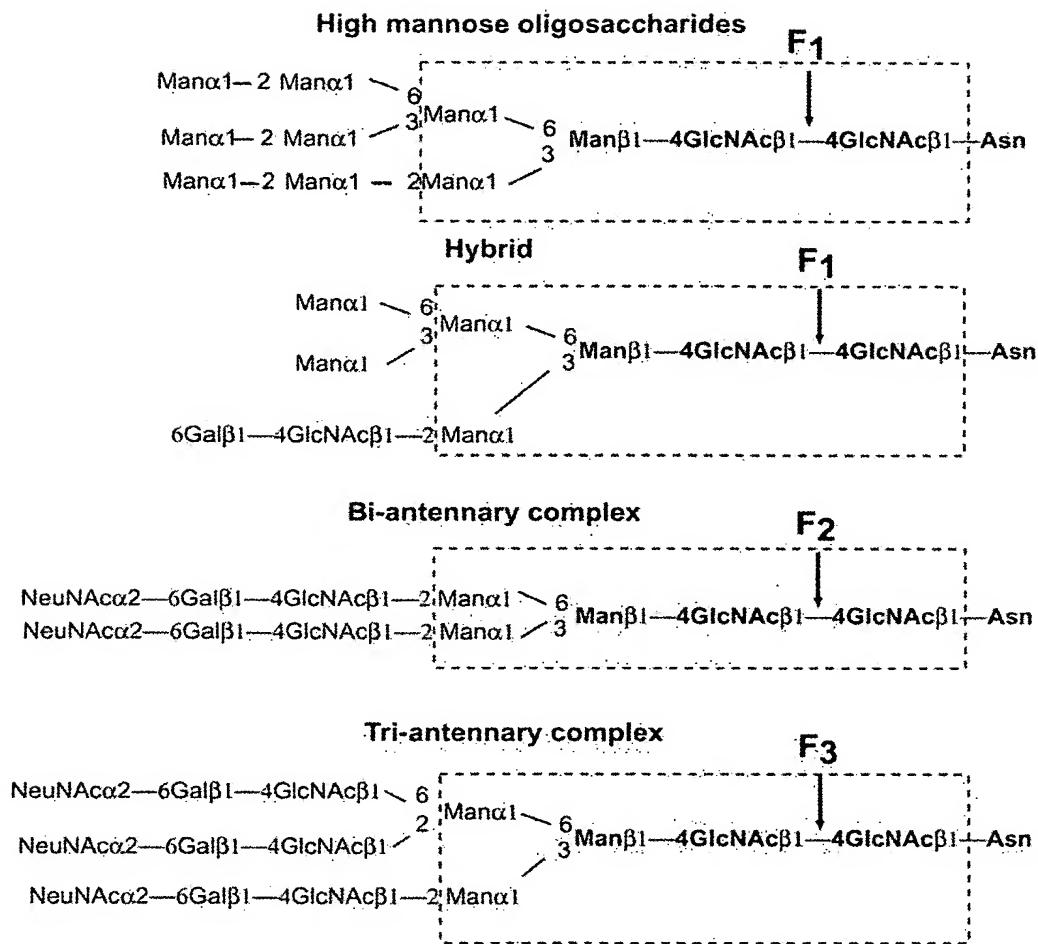


Figure 16

REVERSIBILITY STUDY

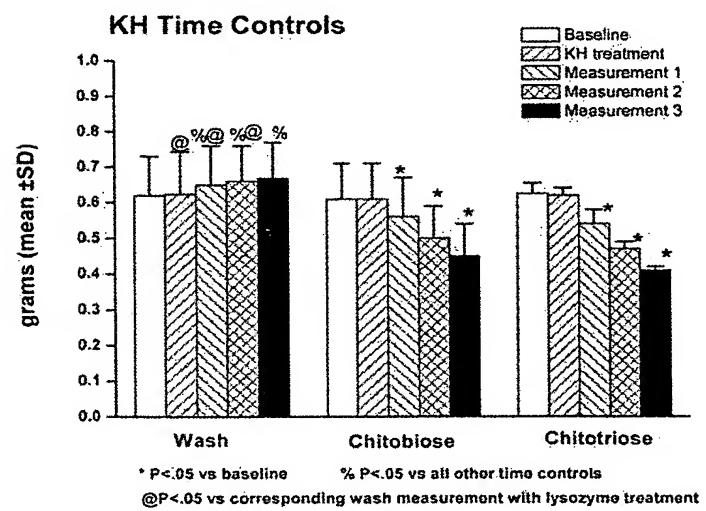
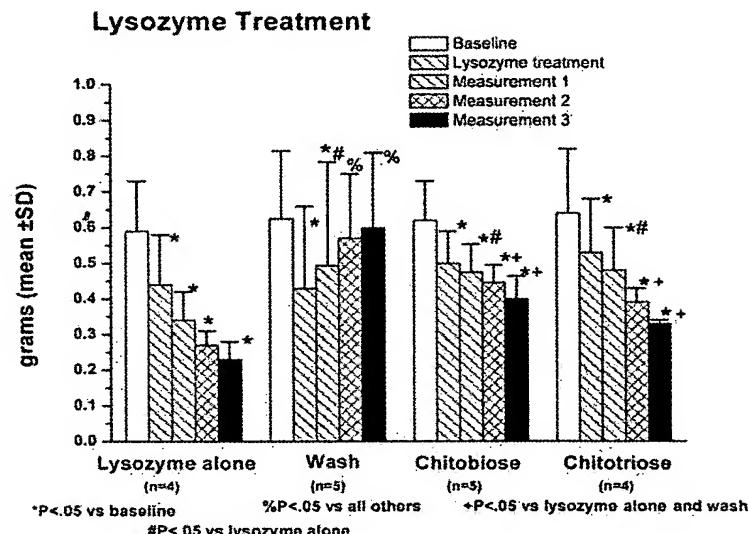


Figure 17

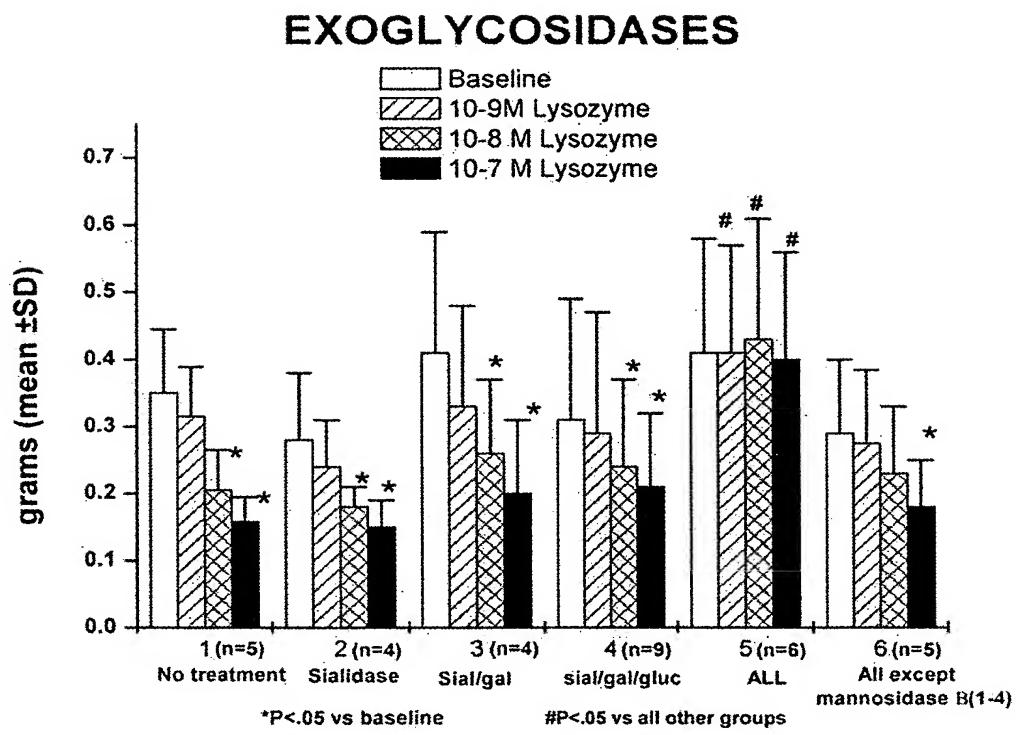
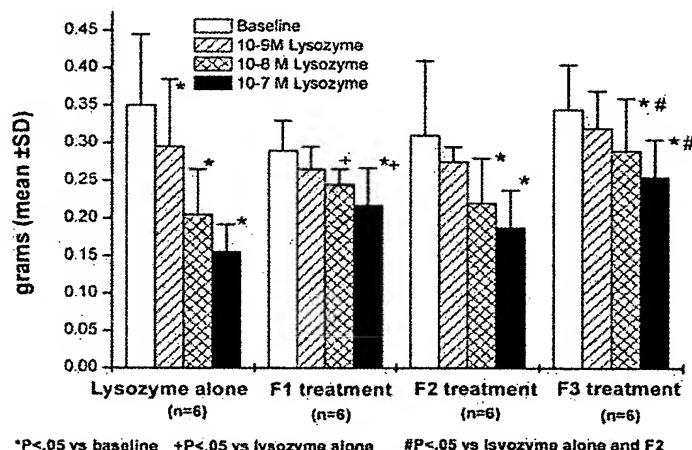


Figure 18

ENDO- β -N-ACETYLGLUCOSAMINIDASE STUDY

Lysozyme Experiments



KH Time Controls

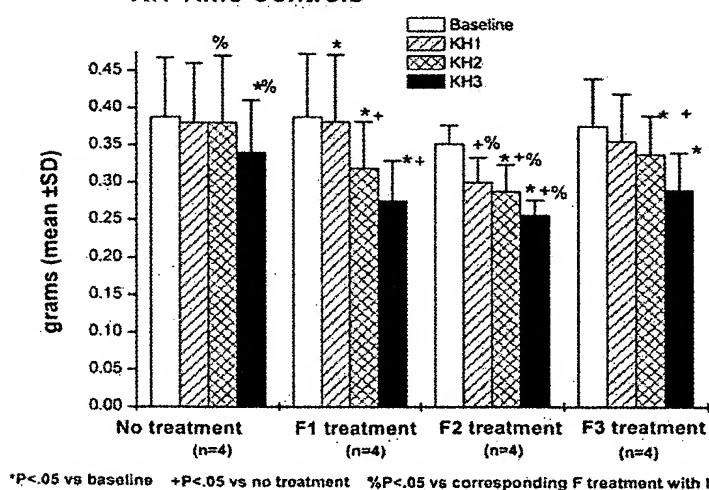


Figure 19

LECTIN STUDY

Datura stramonium lectin

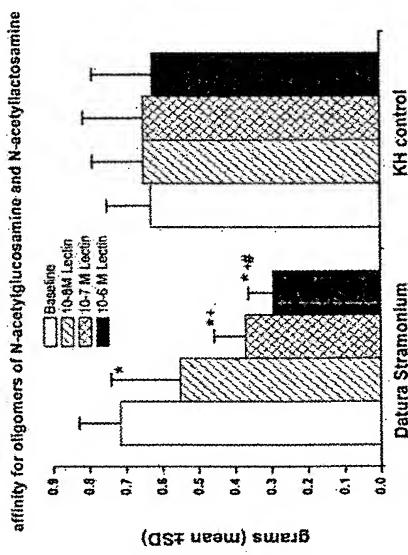
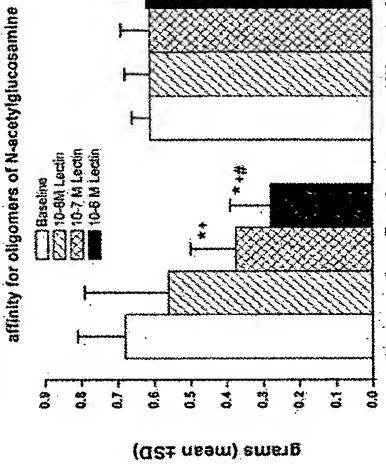
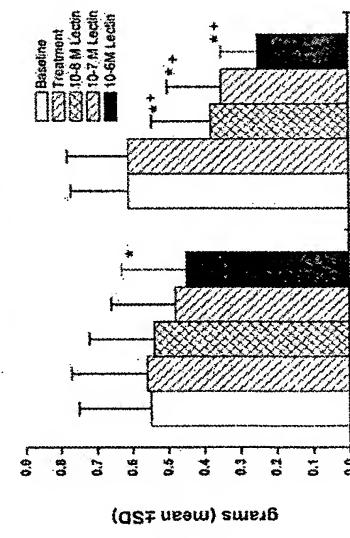


Figure 20

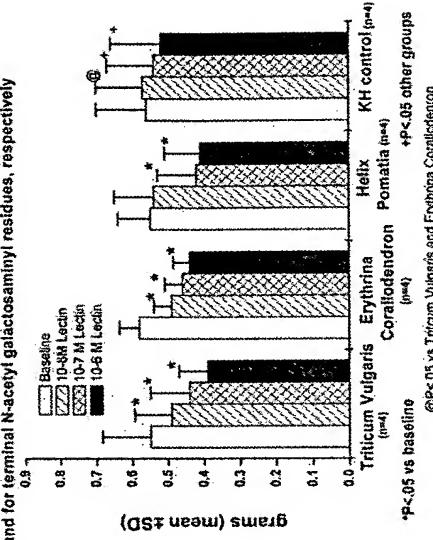
LYCOPERSICON ESCULENTUM LECTIN



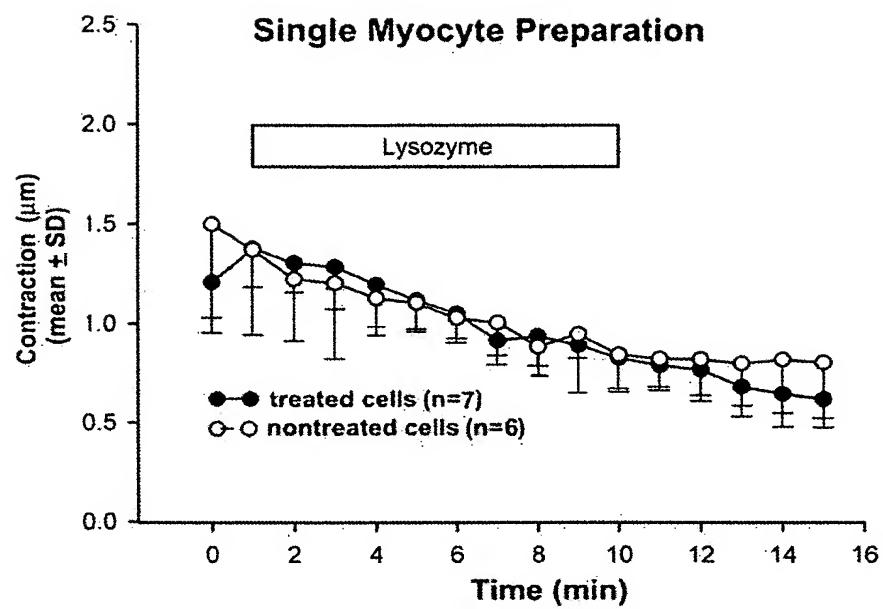
BATATURA STRAMONIUM and CHITOTRIOSE
^aP<.05 vs baseline
^bP<.05 vs Trichium vulgaris, Erythrina corallodendron, and *Helix pomatia* groups
^cP<.05 vs RH group



TRITICUM VULGARIS, ERYTHRINA CORALLODENDRON, and HELIX POMATIA: affinity for chitosobioses, for N-acetylglucosamine, and for terminal N-acetyl galactosaminyl residues, respectively



treatment (n=6) $P < 0.05$ vs baseline $P < 0.05$ vs chlorotriose treatment group



Protease and collagenase treated ventricular trabeculae

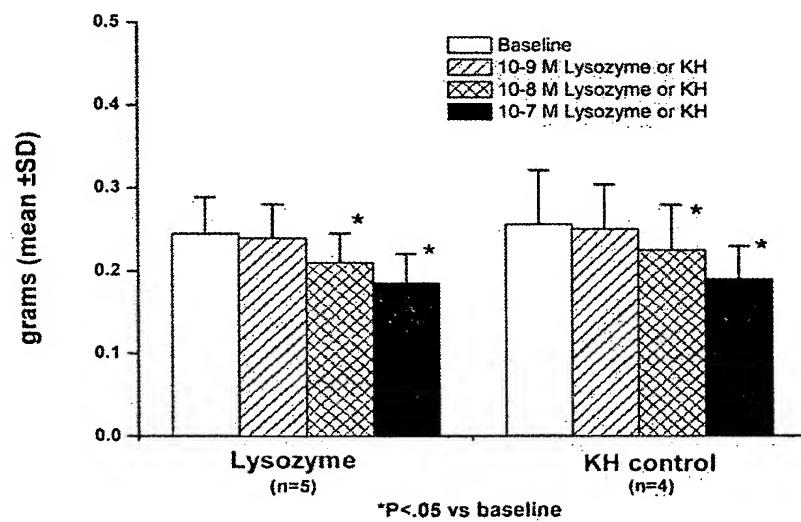


Figure 21

LATE TREATMENT STUDY WITH CHITOBIOSE

Mean arterial pressure (n=4)

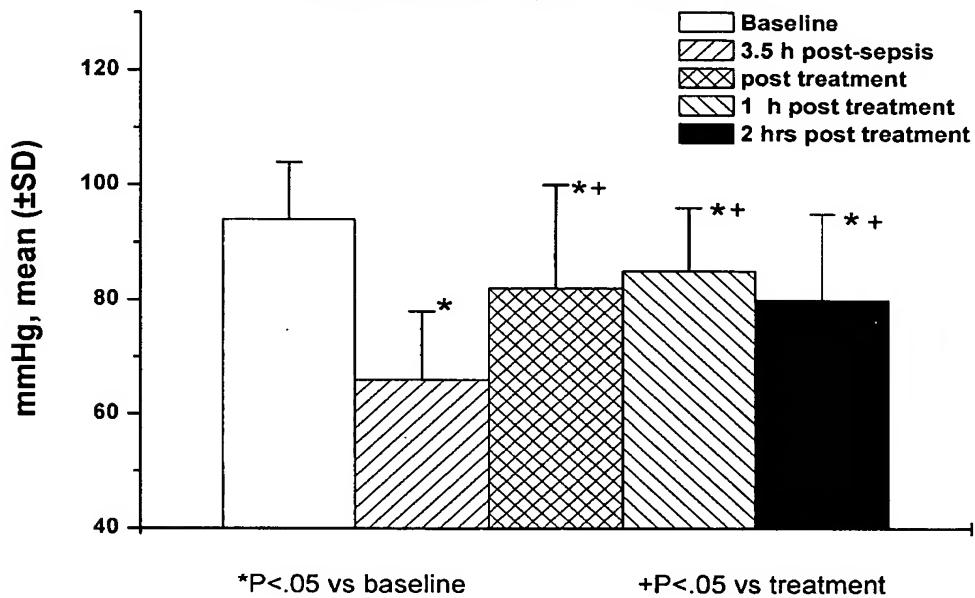


Figure 22

LATE TREATMENT STUDY WITH CHITOBIOSE Stroke- work (n=4)

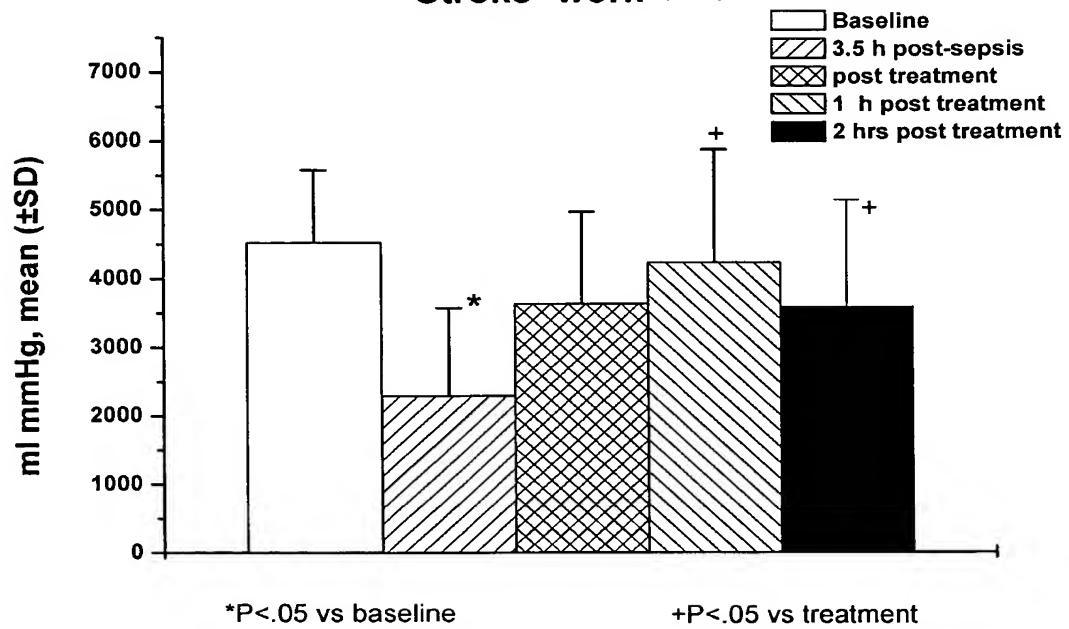


Figure 23

LATE TREATMENT STUDY WITH CHITOBIOSE

Stroke- volume (n=4)

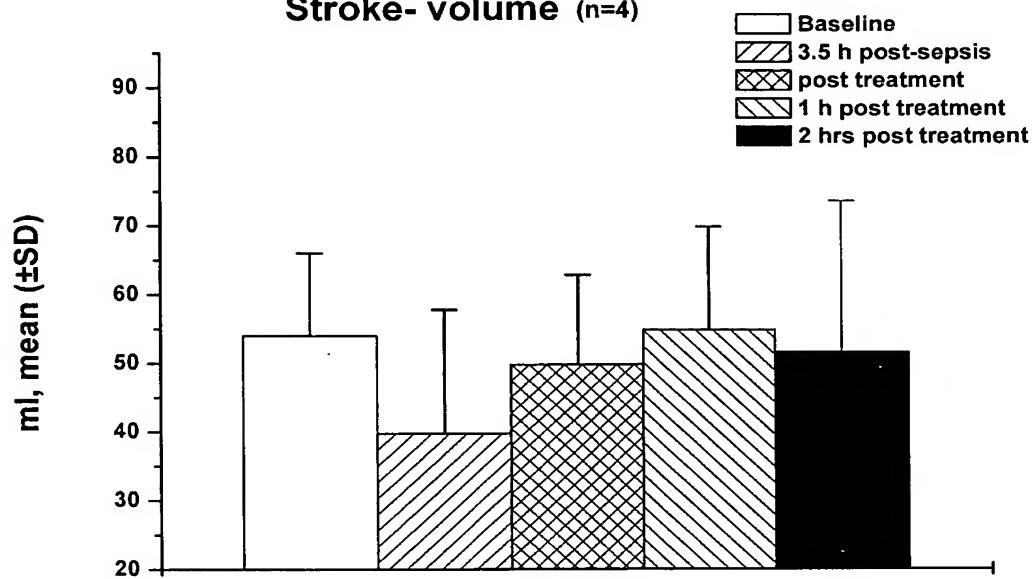
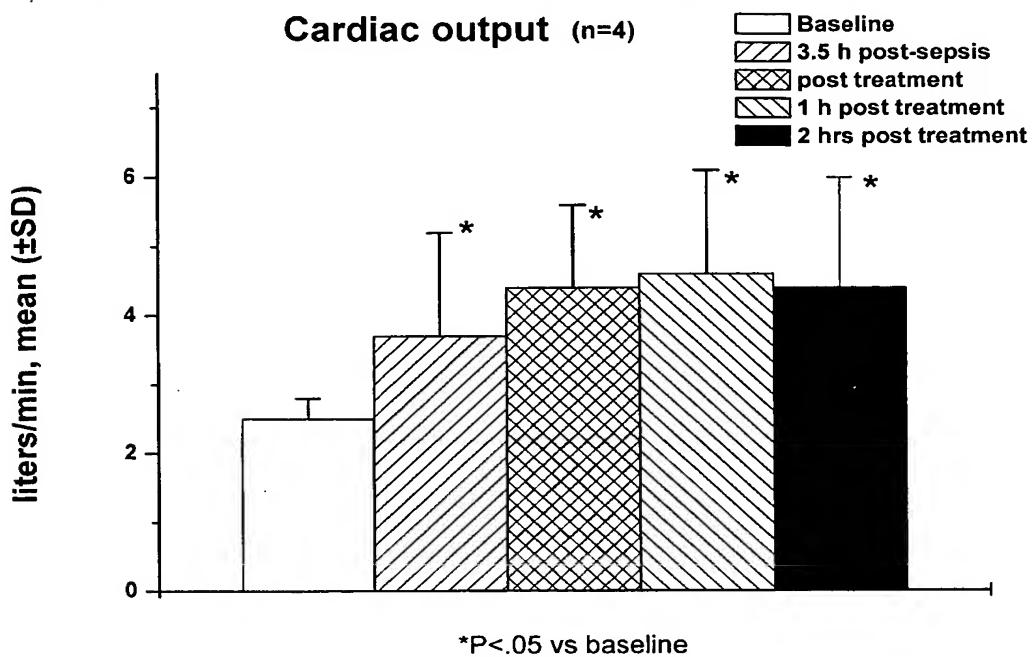


Figure 24

LATE TREATMENT STUDY WITH CHITOBIOSE

Cardiac output (n=4)



*P<.05 vs baseline

Figure 25

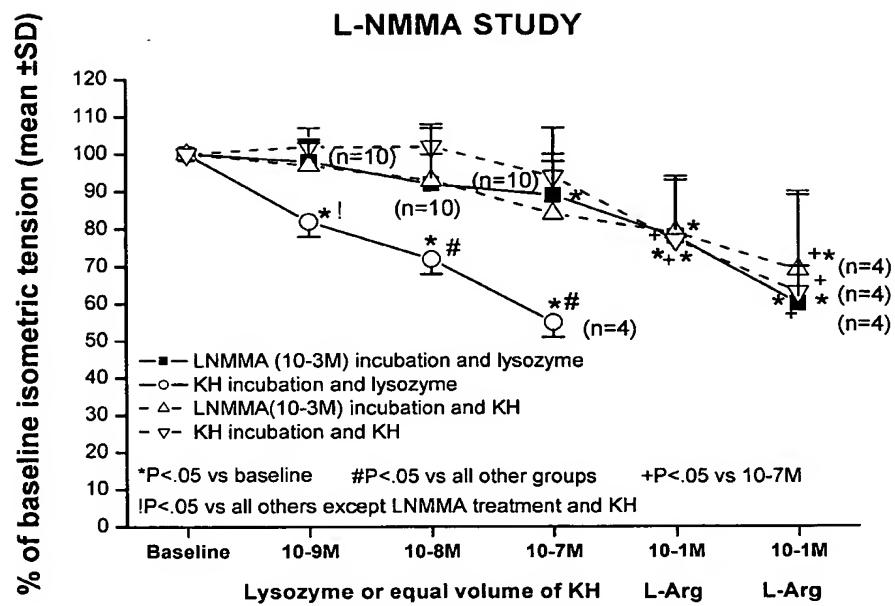


Figure 26

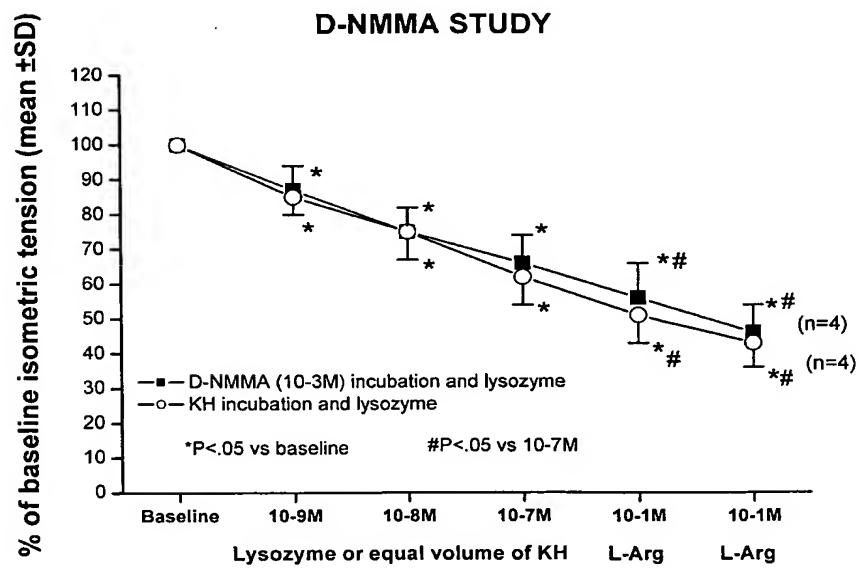


Figure 27

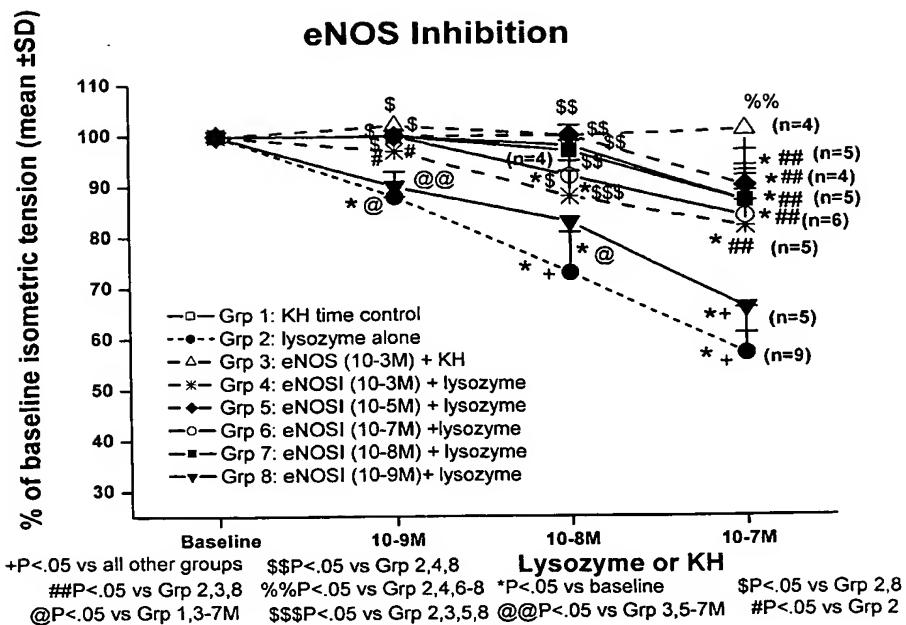


Figure 28

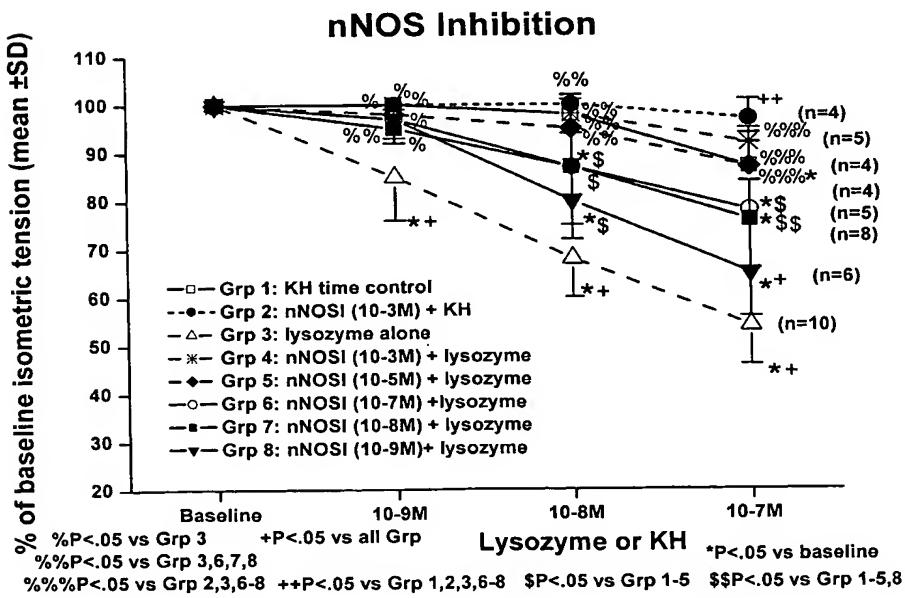


Figure 29

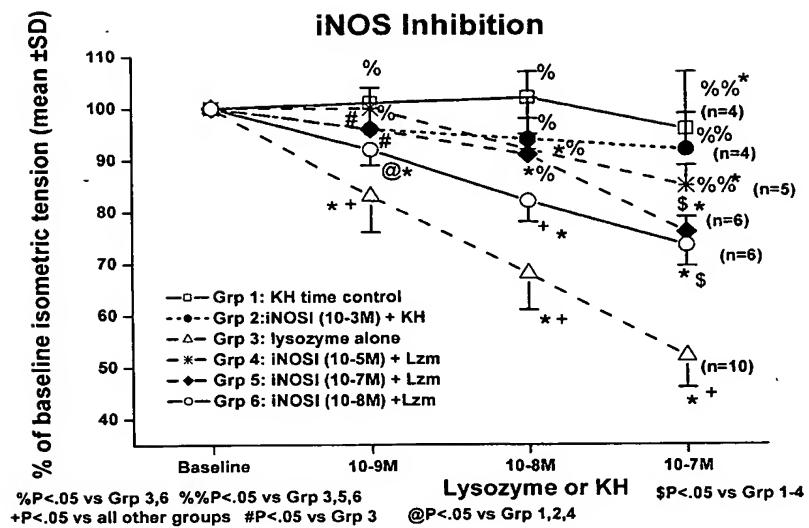


Figure 30

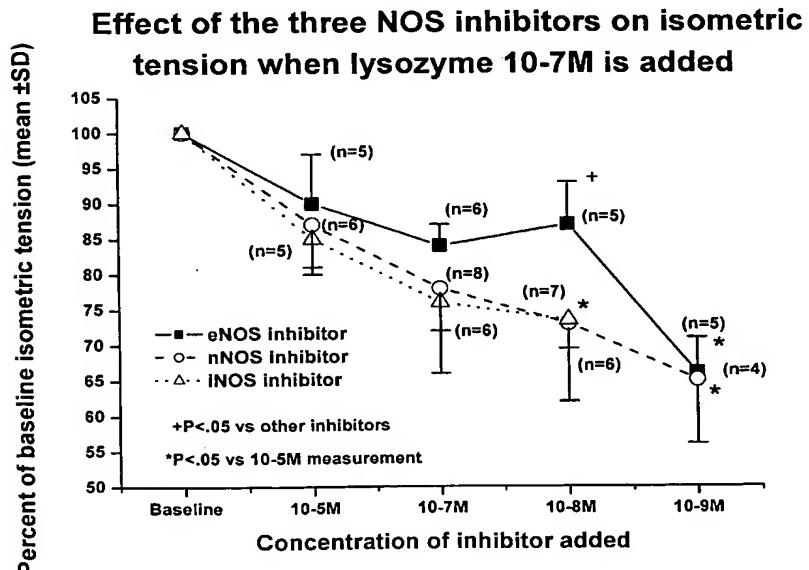


Figure 31

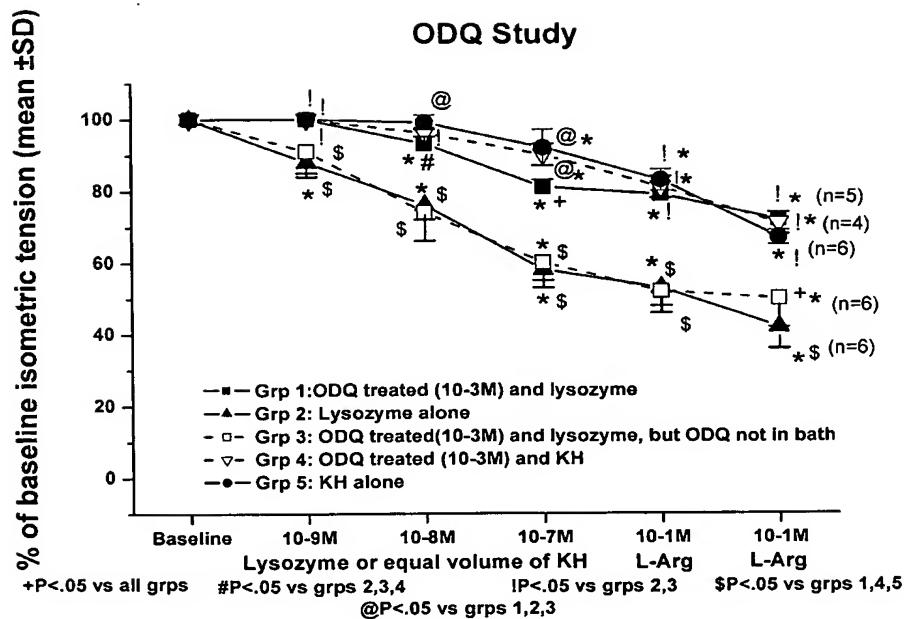


Figure 32

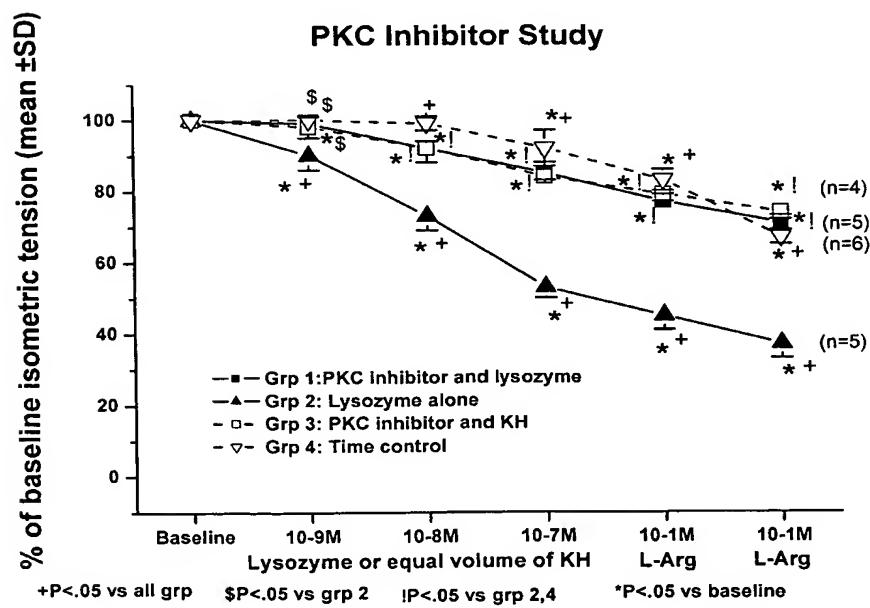


Figure 33

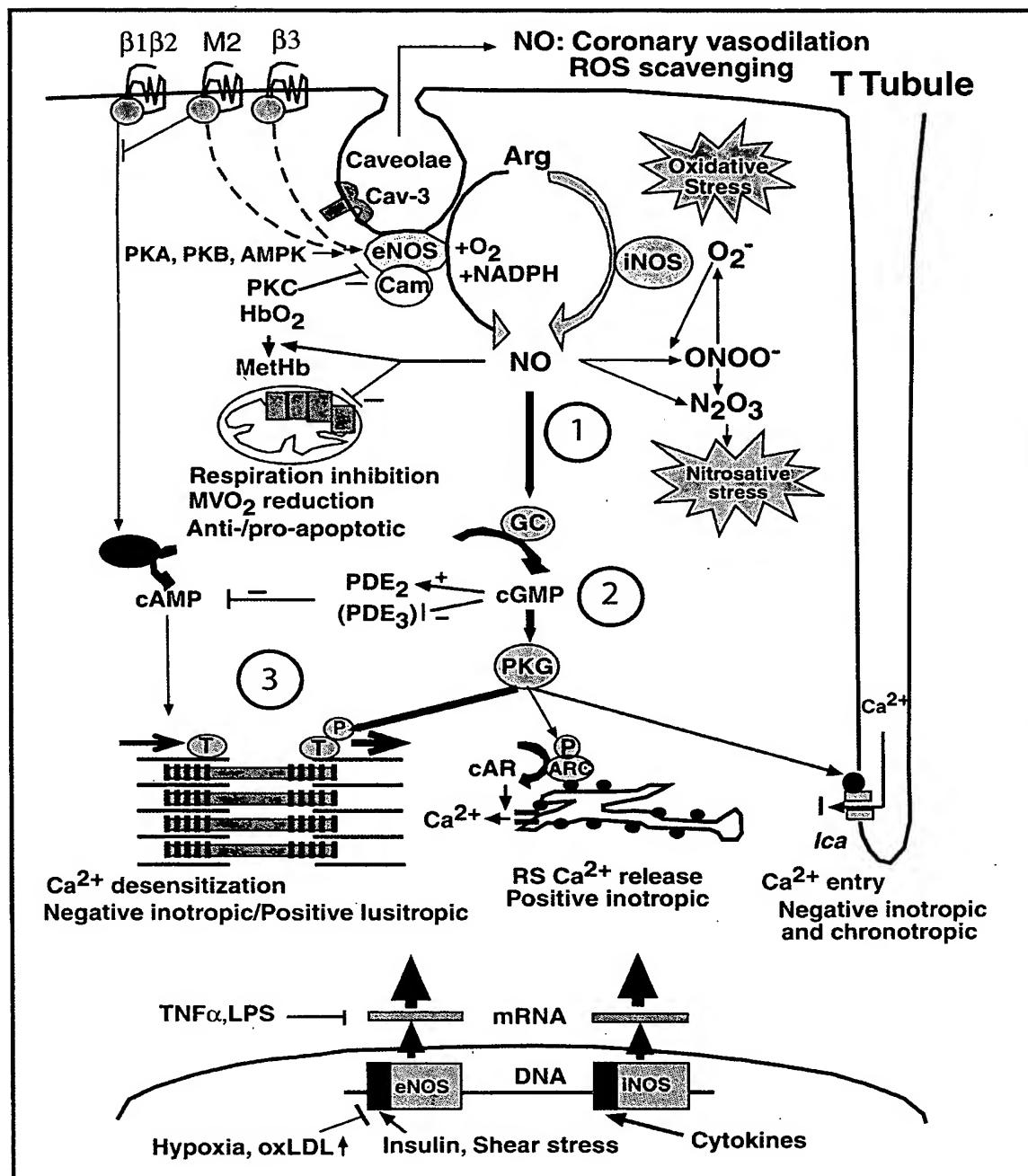


Figure 34